## SIEMENS

## Data sheet

product type designation

product description

## 6XV1870-3QH40

Patch cable, preferred length, preassembled with two RJ45 connectors (10/100/1000/10000MB)

Industrial Ethernet TP Cord RJ45/RJ45, CAT 6A, TP cable 4x2, preassembled with 2 RJ45 connectors, length 4 m.

suitability for use cable designation       Easy connection of terminal devices to the IE FC cabling system         cable designation       LI 02YSCH 4x2x0,15 PIMF GN FRNC         wire length       4 m         Detectrical data         number of electrical connections         attenuation factor per length       -         • at 10 MHz / maximum       0.086 dB/m         • at 10 MHz / maximum       0.28 dB/m         • at 300 MHz / maximum       0.28 dB/m         • at 300 MHz / maximum       0.501 dB/m         • at 600 MHz / maximum       0.501 dB/m         • at 10 MHz 100 MHZ       100 Ω         • at 1 MHz 100 MHZ       100 Ω         • at 1 0 MHz 600 MHz       100 Ω         • at 10 MHz 100 MHZ       100 Ω         relative symmetrical tolerance       -         • of the characteristic impedance at 1 MHz 100       15 %         MHz       10 %         • of the characteristic impedance at 10 MHz 600       10 %         MHz       0 mΩ/m         coupling loss / at 30 MHz 100 MHz / minimum       70 dB         transfer impedance per length / maximum       20 mΩ/m         operating voltage       -         • RMS value       80 V         • N		
cable designation         LI 02YSCH 4x2x0,15 PIMF GN FRNC           wire length         4 m           oloctrical data	All and a second and a second se	
wire length         4 m           sloctical consections         z           number of electical connections         2           attenuation factor per length         0.886 dB/m           att 10 MHz / maximum         0.288 dB/m           att 10 MHz / maximum         0.288 dB/m           att 30 MHz / maximum         0.501 dB/m           att 600 MHz / maximum         0.501 dB/m           att 10 MHz / maximum         0.501 dB/m           att 10 MHz / maximum         0.501 dB/m           ingredance	suitability for use	Easy connection of terminal devices to the IE FC cabling system
shectrical data         2           number of electrical connections         2           attenuation factor per length         0.866 dB/m           • at 10 MHz / maximum         0.28 dB/m           • at 100 MHz / maximum         0.501 dB/m           • at 300 MHz / maximum         0.735 dB/m           • at 600 MHz / maximum         0.735 dB/m           impedance         • at 100 MHz 100 MHz           • at 10 MHz 600 MHz         100 Ω           relative symmetrical tolerance         • 0 fthe characteristic impedance at 1 MHz 100 MHz           • of the characteristic impedance at 10 MHz 100 MHz         10 %           • of the characteristic impedance at 10 MHz 600 MHz         10 %           • of the characteristic impedance per length / at 10 MHz         10 mΩ/m           coupling loss / at 30 MHz 100 MHz / minimum         70 dB           transfer impedance per length / at 10 MHz         10 mΩ/m           operasiting voltage         • RMS value           • RMS value         80 V           NVP value in percent         80 %           mechanical data         0.55 mm           outer diameter         0.5 mm           • of inner conductor         0.5 mm           • of cable sheath         0.2 mm           • of inner c	-	
number of electrical connections       2         attenuation factor per length       0.086 dB/m         • at 10 MHz / maximum       0.28 dB/m         • at 300 MHz / maximum       0.735 dB/m         • at 600 MHz / maximum       0.735 dB/m         • at 10 MHz / maximum       0.735 dB/m         impedance       •         • at 10 MHz 100 MHz       100 Ω         • at 10 MHz 600 MHz       100 Ω         • at 10 MHz 600 MHz       100 Ω         • at 10 MHz 600 MHz       100 Ω         relative symmetrical tolerance       •         • of the characteristic impedance at 1 MHz 100 MHz       10 %         MHz       • of the characteristic impedance at 10 MHz 600 MHz       10 %         MHz       • of the characteristic impedance at 10 MHz 600 MHz       10 mΩ/m         loop resistance per length / at 10 MHz       10 mΩ/m       10 mΩ/m         loop resistance per length / at 10 MHz       80 V       V         NVP value in percent       80 V       V         number of electrical cores       8       Overlapped aluminum-clad foil, sheathed in a braided screen of tinplated copper wires         core diameter       • of numer of use to the output of the wire insulation       0.5 mm         of the wire insulation       0.5	wire length	4 m
attenuation factor per length         0.886 dB/m           • at 10 MHz / maximum         0.286 dB/m           • at 300 MHz / maximum         0.501 dB/m           • at 600 MHz / maximum         0.735 dB/m           • at 600 MHz / maximum         0.735 dB/m           • at 10 MHz 100 MHz         100 Ω           • at 10 MHz 600 MHz         100 Ω           • of the characteristic impedance at 1 MHz 100 MHz 600 MHz         10 %           • of the characteristic impedance at 10 MHz 600 MHz         200 mΩ/m           coupling loss / at 30 MHz 100 MHz / minimum         70 dB           transfer impedance per length / at 10 MHz         200 mΩ/m           operating voltage         •           • RMS value         80 V           NVP value in percent         80 V           oct diameter         •           • of AWG26 insulated conductor         0.5 mm <td< td=""><td>electrical data</td><td></td></td<>	electrical data	
• at 10 MHz / maximum0.086 dB/m• at 100 MHz / maximum0.28 dB/m• at 300 MHz / maximum0.735 dB/m• at 300 MHz / maximum0.735 dB/mimpedance100 Ω• at 10 MHz 100 MHz100 Ω• at 10 MHz 600 MHz100 Ωrelative symmetrical tolerance-• of the characteristic impedance at 1 MHz 100 MHz15 %• of the characteristic impedance at 10 MHz 600 MHz10 %• of the characteristic impedance at 10 MHz 600 MHz10 %• of the characteristic impedance at 10 MHz 600 MHz10 %• of the characteristic impedance at 10 MHz 600 MHz10 mΩ/m• of the characteristic impedance at 10 MHz 600 MHz10 mΩ/m• of the characteristic impedance at 10 MHz 600 MHz10 mΩ/m• of the characteristic impedance at 10 MHz 600 MHz10 mΩ/m• of the characteristic impedance at 0 MHz 600 MHz10 mΩ/m• of the characteristic impedance at 0 MHz 600 MHz10 mΩ/m• of disson ce per length / maximum290 mΩ/m• of disson ce per length / maximum80 V• NVP value in percent80 V• of AWG26 insulated conductor0.5 mm• of AWG26 insulated conductor0.5 mm• of finer conductor0.5 mm• of dise beath6.2 mm• of the wire insulation1 mm• of the wire insulation0.3 mm• of the wir	number of electrical connections	2
• at 100 MHz / maximum0.28 dB/m• at 300 MHz / maximum0.501 dB/m• at 600 MHz / maximum0.501 dB/mimpedance	attenuation factor per length	
• at 300 MHz / maximum0.501 dB/m• at 600 MHz / maximum0.735 dB/mimpedance-• at 1 MHz 100 MHz100 Ω• at 1 0 MHz 600 MHz100 Ω• at 10 MHz 600 MHz100 Ω• of the characteristic impedance at 1 MHz 10015 %• of the characteristic impedance at 1 0 MHz 60010 %• of the characteristic impedance at 10 MHz 60010 %• of the characteristic impedance at 10 MHz 60010 %• of the characteristic impedance at 10 MHz 60010 %• of the characteristic impedance at 10 MHz 60010 %• of the characteristic impedance at 10 MHz 60010 %• of the characteristic impedance at 10 MHz10 mΩ/mcoupling loss / at 30 MHz 100 MHz / minimum70 dB• of the shead00 mΩ/moperating voltage00 mΩ/m• RMS value80 VNVP value in percent80 %• of AWG26 insulated conductor00 verlapped aluminum-clad foll, sheathed in a braided screen of tin- plated copper wires• of AWG26 insulated conductor0.5 mm• of the wire insulation1 mm• of the wire insulation1 mm• of the wire insulation0.3 mm• of the wire insulation0.3 mm• of the wire insulation0.3 mm	• at 10 MHz / maximum	0.086 dB/m
• at 600 MHz / maximum0.735 dB/mimpedance• at 1 MHz 100 MHz100 Ω• at 1 0 MHz 600 MHz100 Ωrelative symmetrical tolerance• of the characteristic impedance at 1 MHz 100 MHz15 %• of the characteristic impedance at 10 MHz 600 MHz10 %• of the characteristic impedance at 10 MHz 600 MHz10 %• of the characteristic impedance at 10 MHz 600 MHz10 %• of the characteristic impedance at 10 MHz 600 MHz10 %• of the characteristic impedance at 10 MHz 600 MHz10 m2/mcoupling loss / at 30 MHz 100 MHz / minimum transfer impedance per length / maximum200 m2/moperating voltage • RMS value80 VNVP value in percent80 Vworkhancal datanumber of electrical cores design of the shield8outer diameter • of AWG26 insulated conductor0.5 mmouter diameter0.5 mm• of the wire insulation6.2 mm• of the wire insulation6.2 mm• of cable sheath6.2 mm• of the wire insulation6.2 mm• of the wire insulation0.3 mm• of the wire insulation0.3 mm• of the wire insulation90• of the wire insulation0.3 mm• of the wire insulation0.3 mm• of the wire insulation0.3 mm• of the wire insulation90• of the wire insulation0.3 mm• of the wire insulation0• of the wire	• at 100 MHz / maximum	0.28 dB/m
impedance         Impedance           • at 1 MHz 100 MHz         100 Ω           • at 10 MHz 600 MHz         100 Ω           relative symmetrical tolerance         -           • of the characteristic impedance at 1 MHz 100         15 %           MHz         -           • of the characteristic impedance at 10 MHz 600         10 %           MHz         -           • of the characteristic impedance at 10 MHz 600         10 %           coupling loss / at 30 MHz 100 MHz / minimum         70 dB           transfer impedance per length / at 10 MHz         200 mΩ/m           loop resistance per length / maximum         200 mΩ/m           operating voltage         -           • RMS value         80 V           NVP value in percent         80 V           nocharical data         -           number of electrical cores         8           design of the shield         Overlapped aluminum-clad foil, sheathed in a braided screen of tin-per enductor           outer diameter         -           • of AWG26 insulated conductor         0.5 mm           outer diameter         0.5 mm           • of inner conductor         0.5 mm           • of the wire insulation         6.2 mm           • of able sheat	• at 300 MHz / maximum	0.501 dB/m
• at 1 MHz 100 MHz       100 Ω         • at 10 MHz 600 MHz       100 Ω         relative symmetrical tolerance          • of the characteristic impedance at 1 MHz 100 MHz       15 %         • of the characteristic impedance at 10 MHz 600 MHz       10 %         MHz          • of the characteristic impedance at 10 MHz 600 MHz       10 %         MHz          coupling loss / at 30 MHz 100 MHz / minimum       70 dB         transfer impedance per length / at 10 MHz       10 mΩ/m         loop resistance per length / maximum       290 mΩ/m         operating voltage          • RMS value       80 V         NVP value in percent       80 %         ocer diameter          • of AWG26 insulated conductor       0.5 mm         outer diameter       0.5 mm         • of inner conductor       0.5 mm         • of inhe vine insulation       1 mm         • of able sheath       6.2 mm         symmetrical tolerance of the outer diameter / of cable sheath       0.3 mm	• at 600 MHz / maximum	0.735 dB/m
• at 10 MHz100 Ωrelative symmetrical tolerance-• of the characteristic impedance at 1 MHz15 %• of the characteristic impedance at 10 MHz10 %• of the characteristic impedance at 10 MHz10 %• of the characteristic impedance at 10 MHz10 %• of the characteristic impedance at 10 MHz70 dBtransfer impedance per length / at 10 MHz200 mΩ/mloop resistance per length / maximum200 mΩ/moperating voltage-• RMS value80 %NVP value in percent80 %render deta-number of electrical cores8design of the shield0.5 mmouter diameter-• of AWG26 insulated conductor0.5 mmouter diameter0.5 mm• of the wire insulation1 mm• of cable sheath6.2 mmsymmetrical tolerance of the outer diameter / of cable0.3 mm• of the wire insulation0.3 mm• of the wire insulation0.3 mm• of the wire insulation0.3 mm	impedance	
relative symmetrical tolerance         initial symmetrical tolerance           • of the characteristic impedance at 1 MHz 100         15 %           • of the characteristic impedance at 10 MHz 600         10 %           • of the characteristic impedance at 10 MHz 600         10 %           • of the characteristic impedance at 10 MHz 100 MHz / minimum         70 dB           coupling loss / at 30 MHz 100 MHz / minimum         70 dB           transfer impedance per length / at 10 MHz         10 mΩ/m           loop resistance per length / maximum         290 mΩ/m           operating voltage         80 V           • RMS value         80 V           NVP value in percent         80 %           number of electrical cores         8           design of the shield         0.5 mm           outer diameter         0.5 mm           • of AWC26 insulated conductor         0.5 mm           outer diameter         0.5 mm           • of cable sheath         6.2 mm           • of able sheath         6.2 mm           • of able sheath         6.3 mm           • of the wire insulation         1 mm           • of able sheath         0.3 mm	• at 1 MHz 100 MHz	100 Ω
• of the characteristic impedance at 1 MHz 100 MHz15 %• of the characteristic impedance at 10 MHz 600 MHz10 %coupling loss / at 30 MHz 100 MHz / minimum70 dBtransfer impedance per length / at 10 MHz10 mΩ/mloop resistance per length / maximum290 mΩ/moperating voltage80 V• RMS value80 VNVP value in percent80 %mumber of electrical cores8design of the shieldOverlapped aluminum-clad foil, sheathed in a braided screen of timplated copper wirescore diameter0.5 mm• of AWG26 insulated conductor0.5 mmouter diameter0.5 mm• of the wire insulation1 mm• of able sheath6.2 mmsymmetrical tolerance of the outer diameter / of cable0.3 mm• of the wire insulation0.3 mm• of the wire insulation9 alumenter (PE)	• at 10 MHz 600 MHz	100 Ω
MHz     MHz       • of the characteristic impedance at 10 MHz 600     10 %       MHz     10 mΩ/m       coupling loss / at 30 MHz 100 MHz / minimum     70 dB       transfer impedance per length / at 10 MHz     10 mΩ/m       loop resistance per length / maximum     290 mΩ/m       operating voltage        • RMS value     80 V       NVP value in percent     80 %       mechanical data        number of electrical cores     8       design of the shield     Overlapped aluminum-clad foil, sheathed in a braided screen of tin-plated copper wires       core diameter        • of AMG26 insulated conductor     0.5 mm       outer diameter     0.5 mm       • of inner conductor     0.5 mm       • of the wire insulation     1 mm       • of cable sheath     6.2 mm       symmetrical tolerance of the outer diameter / of cable     0.3 mm       sheath        material        • of the wire insulation     0.3 mm	relative symmetrical tolerance	
MHz       MHz         coupling loss / at 30 MHz 100 MHz / minimum       70 dB         transfer impedance per length / at 10 MHz       10 mΩ/m         loop resistance per length / maximum       290 mΩ/m         operating voltage       80 V         • RMS value       80 V         NVP value in percent       80 %         mechanical data       V         rechanical data       Overlapped aluminum-clad foil, sheathed in a braided screen of tin-plated copper wires         core diameter       8         • of AWG26 insulated conductor       0.5 mm         outer diameter       0.5 mm         • of cable sheath       6.2 mm         • of cable sheath       6.2 mm         • of cable sheath       6.2 mm         • of cable sheath       6.3 mm         • of cable sheath       6.3 mm         • of the wire insulation       1.3 mm         • of cable sheath       6.2 mm         • of the wire insulation       6.3 mm         • of the wire insulation       9.3 mm         • of the wire insulation       9.0 yethylene (PE)		15 %
transfer impedance per length / at 10 MHz       10 mΩ/m         loop resistance per length / maximum       290 mΩ/m         operating voltage       80 V         • RMS value       80 V         NVP value in percent       80 %         number of electrical cores       8         design of the shield       Overlapped aluminum-clad foil, sheathed in a braided screen of tin-plated copper wires         core diameter       0.5 mm         outer diameter       0.5 mm         of the wire insulation       1 mm         of able sheath       6.2 mm         symmetrical tolerance of the outer diameter / of cable sheath       0.3 mm         material       o1 mm         of the wire insulation       playethylene (PE)		10 %
loop resistance per length / maximum 290 mQ/m 290 mQ/m operating voltage 80 V NVP value in percent 80 % <b>nechanical data</b> <b>number of electrical cores 8</b> design of the shield Overlapped aluminum-clad foil, sheathed in a braided screen of tin- plated copper wires core diameter 0.5 mm outer 0.5	coupling loss / at 30 MHz 100 MHz / minimum	70 dB
operating voltage 80 V RMS value 80 V NVP value in percent 80 % mechanical data number of electrical cores 8 design of the shield Overlapped aluminum-clad foil, sheathed in a braided screen of tin- plated copper wires core diameter • of AWG26 insulated conductor 0.5 mm outer diameter • of inner conductor 0.5 mm • of the wire insulation 1 mm • of cable sheath 6.2 mm symmetrical tolerance of the outer diameter / of cable sheath material • of the wire insulation 9 polyethylene (PE)	transfer impedance per length / at 10 MHz	10 mΩ/m
• RMS value       80 V         NVP value in percent       80 %         mechanical data	loop resistance per length / maximum	290 mΩ/m
NVP value in percent       80 %         number of electrical cores       8         design of the shield       Overlapped aluminum-clad foil, sheathed in a braided screen of tin- plated copper wires         core diameter       0.5 mm         outer diameter       0.5 mm         o of AWG26 insulated conductor       0.5 mm         outer diameter       0.5 mm         of the wire insulation       1 mm         of cable sheath       6.2 mm         symmetrical tolerance of the outer diameter / of cable sheath       0.3 mm         material       Jourden (PE)	operating voltage	
number of electrical cores       8         design of the shield       Overlapped aluminum-clad foil, sheathed in a braided screen of tin- plated copper wires         core diameter       0.5 mm         outer diameter       0.5 mm         outer diameter       0.5 mm         of the wire insulation       1 mm         of cable sheath       6.2 mm         symmetrical tolerance of the outer diameter / of cable sheath       0.3 mm         waterial       of the wire insulation	RMS value	80 V
number of electrical cores       8         design of the shield       Overlapped aluminum-clad foil, sheathed in a braided screen of tin- plated copper wires         core diameter       0.5 mm         outer diameter       0.5 mm         of the wire insulation       0.5 mm         of cable sheath       6.2 mm         symmetrical tolerance of the outer diameter / of cable sheath       0.3 mm         e of the wire insulation       0.3 mm	NVP value in percent	80 %
design of the shieldOverlapped aluminum-clad foil, sheathed in a braided screen of tin- plated copper wirescore diameter	mechanical data	
core diameter       plated copper wires         of AWG26 insulated conductor       0.5 mm         outer diameter       -         of inner conductor       0.5 mm         of the wire insulation       1 mm         of cable sheath       6.2 mm         symmetrical tolerance of the outer diameter / of cable       0.3 mm         sheath       -         material       -         of the wire insulation       polyethylene (PE)	number of electrical cores	8
• of AWG26 insulated conductor0.5 mmouter diameter-• of inner conductor0.5 mm• of inner conductor0.5 mm• of the wire insulation1 mm• of cable sheath6.2 mm• of cable sheath0.3 mmsymmetrical tolerance of the outer diameter / of cable0.3 mmmaterial-• of the wire insulationpolyethylene (PE)	design of the shield	
outer diameter		
• of inner conductor0.5 mm• of the wire insulation1 mm• of cable sheath6.2 mm• of cable sheath0.3 mmsymmetrical tolerance of the outer diameter / of cable0.3 mmmaterial- of the wire insulation• of the wire insulationpolyethylene (PE)		0.5 mm
of the wire insulation     of cable sheath     of cable sheath     symmetrical tolerance of the outer diameter / of cable     sheath     material     of the wire insulation     polyethylene (PE)	outer diameter	
• of cable sheath6.2 mmsymmetrical tolerance of the outer diameter / of cable sheath0.3 mmmaterial-• of the wire insulationpolyethylene (PE)	<ul> <li>of inner conductor</li> </ul>	0.5 mm
symmetrical tolerance of the outer diameter / of cable 0.3 mm on the sheath of the wire insulation polyethylene (PE)	<ul> <li>of the wire insulation</li> </ul>	
sheath material • of the wire insulation polyethylene (PE)		6.2 mm
of the wire insulation polyethylene (PE)		0.3 mm
	material	
of cable sheath     FRNC	<ul> <li>of the wire insulation</li> </ul>	polyethylene (PE)
	<ul> <li>of cable sheath</li> </ul>	FRNC
	<ul> <li>of cable sheath</li> </ul>	FRNC

color	
<ul> <li>of the insulation of data wires</li> </ul>	white/blue, white/orange, white/green, white/brown
<ul> <li>of cable sheath</li> </ul>	green
bending radius	
with single bend / minimum permissible	31 mm
with multiple bends / minimum permissible	43.5 mm
weight per length	50 kg/km
ambient conditions	
ambient temperature	
during operation	-25 +80 °C
during storage	-25 +80 °C
during transport	-25 +80 °C
during installation	-25 +80 °C
• note	In fixed installation -40 °C to 80 °C
fire behavior	flame resistant according to IEC 60332-1-2, smoke density according to
	IEC 61034
class of burning behaviour / according to EN 13501-6	Eca
chemical resistance	
• to mineral oil	oil resistant according to IEC 60811-2-1 (4 h / 70°C)
• to grease	Conditional resistance
radiological resistance / to UV radiation	not resistant
protection class IP	IP20
•	
product features, product functions, product components	i general
product feature	Yes
product feature • halogen-free • silicon-free	Yes
product feature • halogen-free • silicon-free standards, specifications, approvals	Yes Yes
product feature • halogen-free • silicon-free standards, specifications, approvals UL/ETL listing / 300 V Rating	Yes Yes No
product feature • halogen-free • silicon-free standards, specifications, approvals UL/ETL listing / 300 V Rating UL/ETL style / 600 V Rating	Yes Yes
product feature • halogen-free • silicon-free standards, specifications, approvals UL/ETL listing / 300 V Rating UL/ETL style / 600 V Rating certificate of suitability	Yes Yes No Yes; E130266 AWM STYLE 21279
product feature • halogen-free • silicon-free standards, specifications, approvals UL/ETL listing / 300 V Rating UL/ETL style / 600 V Rating certificate of suitability • EAC approval	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes
product feature • halogen-free • silicon-free standards, specifications, approvals UL/ETL listing / 300 V Rating UL/ETL style / 600 V Rating certificate of suitability • EAC approval • UL approval	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes
product feature • halogen-free • silicon-free <b>standards, specifications, approvals</b> UL/ETL listing / 300 V Rating UL/ETL style / 600 V Rating certificate of suitability • EAC approval • UL approval • RoHS conformity	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Yes
product feature • halogen-free • silicon-free standards, specifications, approvals UL/ETL listing / 300 V Rating UL/ETL style / 600 V Rating certificate of suitability • EAC approval • UL approval • RoHS conformity standard for structured cabling	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes
product feature • halogen-free • silicon-free <b>standards, specifications, approvals</b> UL/ETL listing / 300 V Rating UL/ETL style / 600 V Rating certificate of suitability • EAC approval • UL approval • UL approval • RoHS conformity standard for structured cabling Marine classification association	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Yes Yes Cat6A
product feature         • halogen-free         • silicon-free         standards, specifications, approvals         UL/ETL listing / 300 V Rating         UL/ETL style / 600 V Rating         certificate of suitability         • EAC approval         • UL approval         • RoHS conformity         standard for structured cabling         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Yes Cat6A No
product feature         • halogen-free         • silicon-free         standards, specifications, approvals         UL/ETL listing / 300 V Rating         UL/ETL style / 600 V Rating         certificate of suitability         • EAC approval         • UL approval         • RoHS conformity         standard for structured cabling         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Yes Cat6A No No
product feature         • halogen-free         • silicon-free         standards, specifications, approvals         UL/ETL listing / 300 V Rating         UL/ETL style / 600 V Rating         certificate of suitability         • EAC approval         • UL approval         • RoHS conformity         standard for structured cabling         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)         • Det Norske Veritas (DNV)	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Yes Cat6A No No No
product feature         • halogen-free         • silicon-free         standards, specifications, approvals         UL/ETL listing / 300 V Rating         UL/ETL style / 600 V Rating         certificate of suitability         • EAC approval         • UL approval         • RoHS conformity         standard for structured cabling         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)         • Det Norske Veritas (DNV)         • Germanische Lloyd (GL)	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Yes Cat6A No No No No
product feature         • halogen-free         • silicon-free         standards, specifications, approvals         UL/ETL listing / 300 V Rating         UL/ETL style / 600 V Rating         certificate of suitability         • EAC approval         • UL approval         • RoHS conformity         standard for structured cabling         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)         • Det Norske Veritas (DNV)         • Germanische Lloyd (GL)         • Lloyds Register of Shipping (LRS)	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Yes Cat6A No No No No No No
product feature         • halogen-free         • silicon-free         standards, specifications, approvals         UL/ETL listing / 300 V Rating         UL/ETL style / 600 V Rating         certificate of suitability         • EAC approval         • UL approval         • RoHS conformity         standard for structured cabling         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)         • Det Norske Veritas (DNV)         • Germanische Lloyd (GL)         • Lloyds Register of Shipping (LRS)         • Nippon Kaiji Kyokai (NK)	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Yes Cat6A No No No No No No No No
product feature         • halogen-free         • silicon-free         standards, specifications, approvals         UL/ETL listing / 300 V Rating         UL/ETL style / 600 V Rating         certificate of suitability         • EAC approval         • UL approval         • RoHS conformity         standard for structured cabling         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)         • Det Norske Veritas (DNV)         • Germanische Lloyd (GL)         • Lloyds Register of Shipping (LRS)         • Nippon Kaiji Kyokai (NK)         • Polski Rejestr Statkow (PRS)	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Yes Cat6A No No No No No
product feature         • halogen-free         • silicon-free         standards, specifications, approvals         UL/ETL listing / 300 V Rating         UL/ETL style / 600 V Rating         certificate of suitability         • EAC approval         • UL approval         • RoHS conformity         standard for structured cabling         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)         • Det Norske Veritas (DNV)         • Germanische Lloyd (GL)         • Lloyds Register of Shipping (LRS)         • Nippon Kaiji Kyokai (NK)         • Polski Rejestr Statkow (PRS)         reference code	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Cat6A No No No No No No No No No
product feature         • halogen-free         • silicon-free         standards, specifications, approvals         UL/ETL listing / 300 V Rating         UL/ETL style / 600 V Rating         certificate of suitability         • EAC approval         • UL approval         • RoHS conformity         standard for structured cabling         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)         • Det Norske Veritas (DNV)         • Germanische Lloyd (GL)         • Lloyds Register of Shipping (LRS)         • Nippon Kaiji Kyokai (NK)         • Polski Rejestr Statkow (PRS)	Yes Yes No Yes; E130266 AWM STYLE 21279 Yes Yes Yes Cat6A No No No No No No No No

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