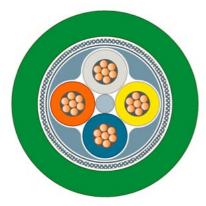
SIEMENS

Data sheet 6XV1840-3AH10

product type designation

product description



IE FC TP Trailing Cable 2x2 (Type C)

Highly flexible bus cable (4-core), sold by the meter, unassembled

Industrial Ethernet FC TP Trailing Cable, 2x2 (PROFINET type C), TP installation cable for connection to FC outlet RJ45, for cable carrier applications, 4-core, shielded, Cat5e, sold by the meter (4 million bending cycles), max. delivery unit 2000 m, minimum order quantity 20 m.

Technical Product Detail Page	https://i.siemens.com/1P6XV1840-3AH10		
suitability for use	Continuous motion control in a cable carrier		
cable designation	SF/UTP, 2YH (ST) C11Y 2x2x0,75/1,5-100 LI GN VZN FRNC		
wire length	sold by the meter		
lectrical data			
attenuation factor per length			
• at 10 MHz / maximum	0.06 dB/m		
• at 100 MHz / maximum	0.22 dB/m		
impedance			
• at 1 MHz 100 MHz	100 Ω		
relative symmetrical tolerance			
• of the characteristic impedance at 1 MHz 100 MHz	5 %		
near-end crosstalk per length			
• at 1 MHz 100 MHz	0.5 dB/m		
transfer impedance per length / at 10 MHz	10 mΩ/m		
loop resistance per length / maximum	120 mΩ/m		
operating voltage			
RMS value	80 V		
NVP value in percent	69 %		
nechanical data			
number of electrical cores	4		
design of the shield	SF/UTP, overlapped aluminum-clad foil, sheathed in a protective braided shield of tinned copper wires		
type of electrical connection / FastConnect	Yes		
core diameter			
of AWG22 insulated conductor	0.75 mm		
outer diameter			
of inner conductor	0.75 mm		
 of the wire insulation 	1.5 mm		
 of the inner sheath of the cable 	3.9 mm		
of cable sheath	6.5 mm		
symmetrical tolerance of the outer diameter / of cable sheath	0.2 mm		
material			
 of the wire insulation 	polyethylene (PE)		
	FRNC		
 of the inner sheath of the cable 	11440		
 of the inner sheath of the cable of cable sheath	PUR (TPE-U)		

or clothe shearth period gradus with multiple bends' minimum permissible with multiple bends' minimum permissible with multiple bends' minimum permissible with continuous bending number of bending cryctes 4000000, Drag chain suitable for 4 million bending cycles at a bending radius of 100 mm, a paged of 4 mis and an acceleration of 4 mis* semile load / maximum 150 N weight per lead in maximum 150 N N N N N N N N N N N N N N N N N N N	• of the insulation of data wires	white/vellow/hlue/grange		
bending radius • with single bend / minimum permisable • with continuous bending number of bending grades 400,0000. Drag chain suitable for 4 million bending cycles at a bending radius of 100 mm, a speed of 4 mrs and an acceleration of 4 mrs. 150 N weight per length 63 Ag/km sambient conditions ambient temperature • during storage • 40 +75 °C • during storage • dur	of the insulation of data wires of cable shooth	white/yellow/blue/orange		
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with multiple bends / minimum permissible		40.5		
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ambient conditions ambient temperature - during portation - during storage - during irrasport - during interaction - during in	tensile load / maximum	150 N		
ambient temperature • during operation • during storage • during transport • during installation • during installation fire behavior desas of burning behaviour's according to EN 13501-6 Eca • to mineral oil • to grease • to water radiological resistance of to UV radiation resistant radiological resistance / to UV radiation product feature • halogen-free • Nee Capability Pes • PoE- capability • PoE- capability • Pes • PoE- capability • Pes wire length / for Industrial Ethernet • with 1008sac1X • at AC / core-to-core • at AC / core-sheld 2000 V standards, specifications, approvals ULFET. Listing / 300 V Rating ULFET. Listing / 300 V Rating Ves • Cat marking • RoHS conformity • Pes • Cata Capability • Catification association • American Bureau of Shipping Europe Ltd. (ABS) • Percent marine classification association • American Bureau of Shipping (LRS) • No • Polks Register of Shipping (LRS) • No • Polks Register of Shipping (LRS) • No • Polks Register of Shipping (LRS) • No • No verbalite: Image - Stabection Tool • to web page: Selection guide for cables and connectors • to website: Selection guide for cables and connectors • to website: Image - Stabection	weight per length	63 kg/km		
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- during transport - during installation - 20 +69 °C - during installation - 20 +69 °C - during installation - 1	 during operation 	-40 +75 °C		
during installation	during storage	-50 +75 °C		
fire behavior class of burning behaviour / according to EN 13501-6 class of burning behaviour / according to EN 13501-6 in office and the second of the s	 during transport 	-50 +75 °C		
class of burning behavlour / according to EN 13501-6 chemical resistance to mineral oil to grease to water radiological resistance / to UV radiation resistant resitant resistant resistant resistant resistant resistant resistant resistant resistant resistant resistant resistant resistant	during installation	-20 +60 °C		
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Declaration of Conformity



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