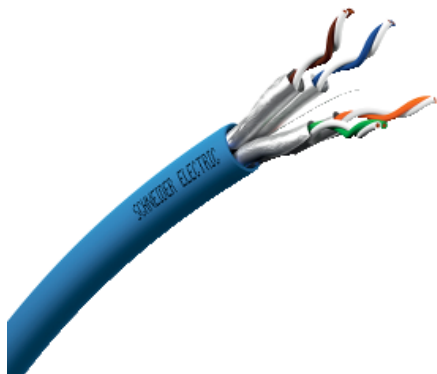




Main

Range	Actassi
Product or component type	Network cable
Cable packaging	Drum of 1000 m
Colour tint	Blue
Cable shielding type	U/FTP

Complementary

Localisation on device	Jacket : LSZH (low smoke zero halogen) Conductor : solid bare copper Wire insulation : PE (polyethylene)
Type of cable	4 twisted-pairs cable
Communication network category	6A
Communication port protocol	VoIP (Voice IP) PoE 15W (Power over Ethernet) PoE+ 30W (Power over Ethernet Plus)
Communication network type	10GBASE-T
Return loss	Guaranteed: ≥ 23 dB Typical: 26 dB @4 MHz
Attenuation	3.8 dB at 4 MHz 3.7 dB
Power sum near-end crosstalk [PS NEXT]	Guaranteed: 75 dB Typical: 85.5 dB @4 MHz
Power sum alien near-end crosstalk [PS ANEXT]	62.5 dB at 100 MHz 67 dB at 4 MHz 67 dB at 10 MHz 67 dB at 16 MHz 67 dB at 20 MHz 67 dB at 31.25 MHz 65.6 dB at 62.5 MHz 58 dB at 200 MHz 56.5 dB at 250 MHz 55.3 dB at 300 MHz 53.5 dB at 400 MHz 52 dB at 500 MHz
Power sum attenuation to alien crosstalk ratio far-end [PS AACR-F]	66.2 dB at 4 MHz 58.2 dB at 10 MHz 54.1 dB at 16 MHz 52.2 dB at 20 MHz 48.3 dB at 31.25 MHz 42.3 dB at 62.5 MHz

	38.2 dB at 100 MHz 32.2 dB at 200 MHz 30.2 dB at 250 MHz 28.7 dB at 300 MHz 26.2 dB at 400 MHz 24.2 dB at 500 MHz
Attenuation to Crosstalk Ratio Far-end [ACR-F]	Guaranteed: 66 dB Typical: 83 dB @4 MHz
Power sum attenuation crosstalk ratio far-end [PS ACR-F]	63 dB 4 MHz
Near end crosstalk [NEXT]	Guaranteed: 72.9 dB Typical: 53.1 dB @31.25 MHz
Coupling attenuation	>= 55 dB from 30...100 MHz conforming to IEC 61156-5, ed. 2 type I)
Input impedance	100 Ohm at 1...550 MHz
Transverse conversion loss	>= 40 - 10 x log(f) dB from 1...250 MHz conforming to IEC 61156-5, ed. 2.1)
Segregation class	Class c conforming to EN 50174-2)
Resistance unbalance	<= 2 %
Pulling force	392 N
Bending radius	Minimum bending radius after installation : 4 x overall diameter Minimum bending radius during installation : 8 x overall diameter
Euroclass level	C D
Nominal velocity propagation	80 %
AWG gauge	AWG 23
Calorific value	518 MJ/km
Cable outer diameter	8.1 mm
Cable weight	56 kg
Targeted region	Europe

Environment

Ambient air temperature for installation	0...50 °C
Ambient air temperature for storage	-20...60 °C
Temperature resistance	60 °C
Ambient air temperature for operation	-20...60 °C
Directives	2006/95/EC - low voltage directive 2011/65/EU - RoHS directive 305/2011/EU - construction product regulation
Standards	Halogen gas evolution : IEC 60754-1 Acidity of combustion gases : IEC 60754-2 Smoke generation : IEC 61034 Performance : EN 50173-1 Performance : EN 50174-1 Performance : ANSI/TIA/EIA-568-C.2 Flame propagation characteristics : IEC 60332-1 Installation standards : ISO/IEC 14763-2 Performance : IEC 61156-5 ed. 2.1 Performance : ISO/IEC 11801 ed. 2.2, 2011 Performance : ISO/IEC 11801 ed. 2.1 Installation standards : EN 50174-2 Performance : IEEE 802.3af Performance : IEEE 802.3at

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1723 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold