



### Main

Range	Actassi
Product or component type	Network cable
Cable packaging	Drum of 1000 m
Colour tint	Blue
Cable shielding type	S/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	7A
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: $\geq 23$ dB Typical: 28 dB @4 MHz
Attenuation	3.7 dB at 4 MHz 3.5 dB
Power sum near-end crosstalk [PS NEXT]	Guaranteed: 75 dB Typical: 105 dB @4 MHz
Power sum alien near-end crosstalk [PS ANEXT]	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
Power sum attenuation to alien crosstalk ratio far-end [PS AACR-F]	67 dB at 4 MHz
Attenuation to Crosstalk Ratio Far-end [ACR-F]	Guaranteed: 78 dB @4 MHz
Power sum attenuation crosstalk ratio far-end [PS ACR-F]	75 dB 4 MHz

Near end crosstalk [NEXT]	Guaranteed: 78 dB Typical: 105 dB @4 MHz
Coupling attenuation	>= 85 dB from 30...100 MHz conforming to IEC 61156-5, ed. 2 type Ia)
Input impedance	100 Ohm at 1...1000 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 d 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	D
Nominal velocity propagation	80 %
AWG gauge	AWG 23
Calorific value	547 MJ/km
Cable outer diameter	7.3 mm
Cable weight	59 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

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1723 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Need no specific recycling operations