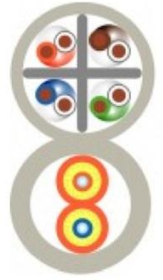


SmartTube Indoor



GENERAL DATA

Description	HybridCable consisting of one CAT6 4pair U/UTP and two G657A1 optical fibres (0,9mm loose tube) zip-cable arranged in Figure-8 form jacketed with FR-LSZH compound.
Production length on spool (600x350mm)	500m
Weight	Approx. 85kg/km
Total weight	Approx. 45kg (inc. Spool)
Min. bending radius	65mm
Max. tensile strength –Short Term/Long Term	150N / 220N
Max. operating temperature	+65°C
Min. operating temperature	-30°C

TECHNICAL DATA

Outher coating

Material	FR-LSZH
Colour	White
Flamability rating	IEC 60332-3, IEC 60754-1, IEC 61034-1/2

Use of the SmartTube

Applicable standards	IEC 60794, IEC 61156, ISO/IEC 11801, TIA/EIA-568, RoHS-2 2011/65/EU
Installation	Guidelines as IEC 60794-1-1

CAT6

Conductor material	Annealed Bare Copper
Conductor dimensions	23/1 AWG
Insulation material	Solid PO
Insulation dimensions	1mm nominal
Number of conductors	8 overall stranded
Outer dimension conductor	6,7mm nominal
Outer dimension pair	14mm nominal
Frequency range	1 – 250MHz
Impedance	100Ω
Max. DC resistance	73Ω/km@+20°C
Max. resistance unbalance	2%
Capacitiy unbalance	1,6pF/m max.

Optical fibres

Fibre	G657A1, 9/125 single mode
Number of fibres	2
Buffer Material	900 μm
Fibre and buffer colour	Black, Brown
Optic attenuation	0,37db/km @ 1310nm 0,24db/km @ 1550nm

No responsibility is taken for the correctness, currency and completeness of details and information.
Liability for damages is excluded.