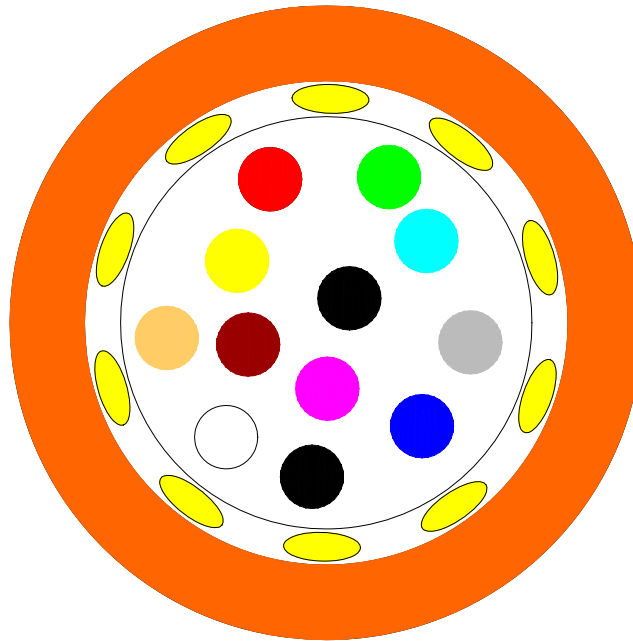


	Technical Specification	N° TKF0-0044	
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Description :CABLE TIGHT ARAMIDIC YARNS REINFORCED AXXI



OPTICAL CORE

		<i>u/m</i>
Loose tube	Tight buffered Nominal diameter 0,9mm	mm

STANDARD COLOUR OF TIGHT

		<i>u/m</i>	
Colour of tight	1 – Blue 2 – Orange 3 – Green 4 – Brown 5 – Grey 6 – White 7 – Red 8 – Black 9 – Yellow 10 – Violet 11 – Pink 12 – Turquoise	13 – Blue with black ring 14 – Orange with black ring 15 – Green with black ring 16 – Brown with black ring 17 – Grey with black ring 18 – White with black ring 19 – Red with black ring 20 – Yellow with black ring 21 – Violet with black ring 22 – Pink with black ring 23 – Turquoise with black ring 24 – White with double black ring	

<i>Date</i>	<i>Rev.</i>	<i>Page 1 of 3</i>
18/01/2011	0	<i>Emission</i>
<i>Technical Office : Leonardo BRUNI</i>		<i>Customer's signature and stamp for acceptance :</i>

For Further information on this product or any other product within our range, or for any advice, Please contact

Tecnikabel s.r.l., Via Brandizzo 243, 10088 - Volpiano (TO), Italy ☎ 011-9951997, Fax 📠 011-9953062

All information on this sheet is believed to be reliable. Users should however consult Tecnikabel s.r.l.

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Description :CABLE TIGHT ARAMIDIC YARNS REINFORCED AXXI

ASSEMBLING

N° OF TIGHT ASSEMBLED

PROTECTION

Material	Aramidic yarns	u/m
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OUTER SHEATH

Material	LSZH UV- Resistant	u/m
Colour	<i>Black for LWP fiber Orange for MM50 OM2 fiber Violet for MM50 OM3 fiber Red for MM62,5 fiber</i>	
Nominal thikness	<i>See table 1</i>	mm
Nominal Diameter	<i>See table 1</i>	mm
Marking :	SysM eMCOM AXXI Indoor/Outdoor LSOH month/year G number ad type of fiber Lot.nnnn+ metric	

TABLE N°1

N° OF FIBRE	Nominal Thickness	Nominal Diameter
4	1,2 mm	5,2 mm
6	1,2 mm	6,0 mm
8	1,2 mm	6,2 mm
12	1,2 mm	6,7 mm
16	1,2 mm	7,7 mm
24	1,2 mm	8,5 mm

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 <p>Tecnikabel SPECIAL ELECTRICAL CABLES OPTICAL Tecnikabel</p>	<p>Technical Specification</p>	<p>N° TKF0-0044</p>	 <p>RoHS compliant 2002/95/EC</p>
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Description :CABLE TIGHT ARAMIDIC YARNS REINFORCED AXXI

Other Characteristics

- Minimum Bending Radius	: 10 x Ø Static : 15 x Ø Dynamic
- Temperature	: - 40°C ÷ + 70°C Storage : - 40°C ÷ + 70°C Operating : - 10°C ÷ + 50°C Installation

Mechanical Characteristics

- Tensile performance (IEC 60794-1-2-E1)	: 500 N ($\Delta\alpha$ reversible)
- Crush (IEC 60794-1-2-E3)	: 3000 N/100 mm ($\Delta\alpha$ reversible)
- Impact (IEC 60794-1-2-E4)	: 5 J ($\Delta\alpha$ reversible)

Fire Performance

- Flame retardant	:IEC 60332-1
- Fire retardant	:IEC 60332-3-24
- Halogen acid gas emission $\leq 0,3$ %	:IEC 60754-1 ; IEC 60754-2
-Degree of acidity of gases evolved during of the combustion (pH value $\geq 4,3$ and conductivity $\leq 10\mu\text{S}/\text{mm}$)	: :IEC 60754-1 ; IEC 60754-2
- Smoke emission(transmittance) $\geq 60\%$:IEC 61034-1 ;IEC 61034-2
-Toxicity of evolved gas ≤ 2	:NES 713

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