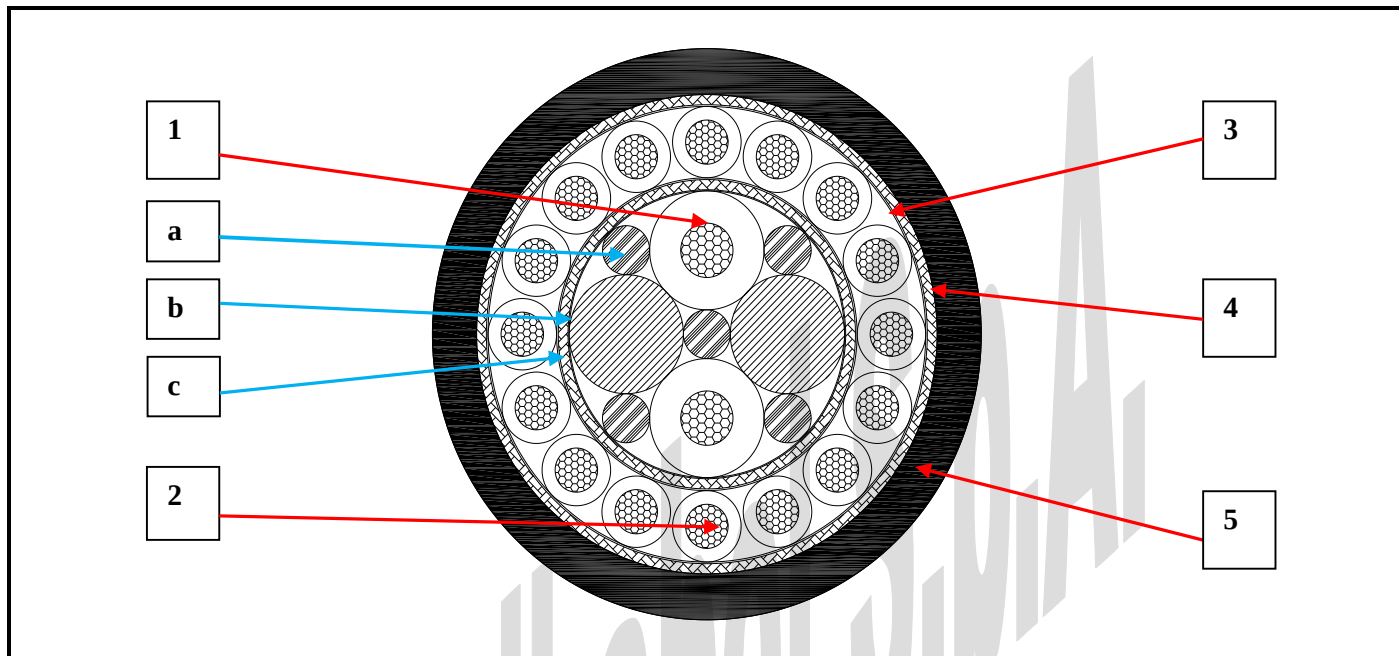


Descrizione : FM[(2x1,5)STN+16x0,75]STM	Code :
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N°	Description	N°	Description
1	(2x1,5mm²)ST/N : - Tinned Copper Conductor 1,5mm ² (IEC 60228 Class 5 Max Ø of strands 0,26mm) - Insulation Compound Type EI 110 , Colours : White numbered 1 ÷ 2 - a) 2 cores assembled with fillers + Plastic Tape - b) Shield Tinned Copper Braid, Coverage ≥ 85% - c) Plastic Tape wrapped	3	Total Assembly : Elements 1 and 2 assembled in layers with eventual fillers and Plastic Tape
		4	Total Shield : Shield Tinned Copper Braid, Coverage ≥ 85%
2	16x0,75mm² : - Tinned Copper Conductor 0,75mm ² (IEC 60228 Class 5 Max Ø of strands 0,21mm) - Insulation Compound Type EI 110 , Colours : White numbered 1 ÷ 16	5	Overall Sheath : - Sheath Compound Type EM 104 (EN50264-1) Nominal Diameter 16,8 mm Colour: Black

Marking : TECHNIKABEL - ITALY - (Week/Year) - EN50264 PQA [(2x1,5)H2 600V + 16x0,75 300V]H2 - 90°C - CE - (Meter Marking) m

Date	Rev.	Page 1 of 2	
15/04/22	0	Emission	
Technical Office : Davide BENTIVOGLIO		Customer's signature and stamp for acceptance :	

For Further information on this product or any other product within our range, or for any advice, Please contact **Tecnikabel S.p.A.**, Via Brandizzo 243, 10088 - Volpiano (TO), Italy ☎ 011-9951997, Fax ☎ 011-9953062

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	Technical Specification		N° 58573	
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Descrizione : FM[(2x1,5)STN+16x0,75]STM	Code :
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Other Characteristics	
- Electrical Resistance at 20°C	: IEC 60228 Class 5
- Insulation Resistance at 20°C	: EN 50305 6.4.1
- Maximum Conductor Temperature for Short Circuit	: 200°C for 5 seconds
- Operating Voltage	: U _o /U 0,6/1kV (Section 1,5mm ²) U _o /U 300/500V (Section 0,75mm ²)
- Minimum Bending Radius	: 10 x Ø
- Temperature Range	: -40°C ÷ + 90°C

Reaction to Fire and Required for Halogens	
- Flame propagation of single cable	: EN 50265-1 - EN 60332-1-2
- Flame Propagation of bunched cable OD ≥ 12mm	: EN 50266-2-4 – IEC 60332-3-24
- Low Smoke Density (EN 50268-2 – IEC 61034-2)	: Transmittance ≥ 70 %
- Halogen acid gas emission (EN 50267-2-1 – IEC 60754-1)	: HCl ≤ 0,5 %
- Degree of acid of gases evolved during of the combustion (EN 50267-2-2 – IEC 60754-2)	: pH ≥ 4,3 Conductivity ≤ 10 µS/mm
- Fluorine content (EN 60684-2)	: ≤ 0,1
- No Toxic Gases (EN 50305 par.9.2)	: ≤ 3
Standard of reference : EN 50264, EN 50305, EN 50355, EN 50343, DIN 5510, UNI 11170, NFPA 130 (ANSI/UL 1685 - FT4/IEEE 1202-ASTM E 662), CEN TS 45545-2	
European Directives 2002/95/CE (RoHS - Reduction of Hazardous Substances) and 2002/96/CE (WEEE – Waste from Electrical and Electronic Equipment)	

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