TVGF

CONSTRUCTION

CONDUCTOR	Solid Annealed Copper Conductor		
INSULATION	PE		
INDIVIDUAL SCREEN	ALPES Tape		
OVERALL TAPING	PES Tape with Tinned Copper Wire		
SHEATH	LSZH Compound	Green	TM7 (EN 50363-8)

PHYSICAL&ELECTRICAL CHARACTERISTICS

MAX. CONDUCTOR TEMPERATURE DURING SHORT CIRCUIT	160°C
NOMINAL VOLTAGE	250 V
OPERATING TEMPERATURE	-40°C ... +70°C
MINUMUM BENDING RADIUS	10 X D

FIRE PERFORMANCE CHARACTERISTICS

FLAME RETARDANT	IEC 60332-1
NO FLAME PROPAGATION	IEC 60332-3-24
HALOGEN-FREE	IEC 60754-1, VDE 0482 P267-2-1, DIN EN50267-2-1
NO CORROSIVE GASES	IEC 60754-2, VDE 0482 P267-2-2, DIN EN 50267-2-2
LOW SMOKE EMISSION	IEC 61034-1/-2, VDE 0482 P268-1/-2, DIN EN 50268-1/-2

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OTHER CHARACTERISTICS

UV RESISTANCE	ISO 4892-2 / ISO 4892-3
OIL RESISTANCE	ASTM NO: 2 (4 hours 70°C)
HYDROCARCON RESISTANCE	NF-M87-202

DIMENSIONS

Number of Core and Cross Section Area (mm²)	Mutual Capacitance (nF/km)	Inductance (mH/km)	Loop Resistance (Max.) (Ohm/km)	Impedance (Ω)	Specific Fire Load value in MJ/km	Approx. Overall Diameter (mm)	Approx. Cable Weight (kg/km)
2 x2x 0,8 mm	103	0,66	80	78	754,5	6,5	58
3 x2x 0,8 mm	103	0,66	80	78	875,8	8	79
4 x2x 0,8 mm	103	0,66	80	78	1038,5	9	98
5 x2x 0,8 mm	103	0,66	80	78	1183,2	9,8	122
6 x2x 0,8 mm	103	0,66	80	78	1330,2	10,7	131
8 x2x 0,8 mm	103	0,66	80	78	1695	11,7	168
10 x2x 0,8 mm	103	0,66	80	78	2205,8	13,5	206
15 x2x 0,8 mm	103	0,66	80	78	2830	15,9	314
20 x2x 0,8 mm	103	0,66	80	78	3486,9	17,5	371