

TPGF C_{ca}

Telecommunication cable, 150 V
+70 °C service temperature, individual screen, low-smoke, zero halogen, fire retardant
EN 50575

Application

Zero halogen telecommunication cable with improved fire characteristics for fixed installation. These cables may be used for telecommunication and information processing systems. For buildings with high concentrations of people or valuable equipment, especially in difficult evacuation conditions. Suitable for indoor applications.

Construction



1. Conductor: Copper conductor, tinned, solid (class 1)
2. Insulation: Halogen free compound
3. Individual screen: Laminated Alu/PETP tape
4. Drain wire: Copper, tinned
5. Outer sheath: Halogen free compound, black, green or grey

Technical information

Rated voltage	U _{max}	150 V
Max. permissible temperature at conductor		70 °C
Operating temperature	fixed installed	-15 °C to 70 °C
Temperature during installation		5 °C to 50 °C
Min. bending radius mm	fixed installed	7,5 x outer diameter in mm
Safety parameters		
Reaction to fire		EN 50399 C _{ca} – s1, d2, a1
Additional parameters		
UV resistant		EN 50289-4-17 750H

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N° of cores and cross section mm	Outer diameter approx. mm	Copper index approx. kg/km	Weight approx. kg/km
1 x 2 x 0,6	4,1	7	23
2 x 2 x 0,6	6,2	12	39
3 x 2 x 0,6	6,5	17	48
4 x 2 x 0,6	7,0	22	59
6 x 2 x 0,6	8,4	32	86
8 x 2 x 0,6	9,1	42	100
10 x 2 x 0,6	10,2	52	121
12 x 2 x 0,6	11,4	62	151
15 x 2 x 0,6	12,3	77	180
20 x 2 x 0,6	13,6	102	228
30 x 2 x 0,6	16,0	152	335
50 x 2 x 0,6	21,0	460	520

La version française de cette fiche technique est disponible sur demande.
 De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.