

## TPGF C<sub>ca</sub>

Telecommunication cable, 250 V  
+70 °C service temperature, individual screen, low-smoke, halogen free, fire retardant  
EN 50575

### Application

Halogen-free 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, green              |

### Technical information

Rated voltage	U <sub>max</sub>	250 V
Max. permissible temperature at conductor		70 °C
Operating temperature	fixed installed	-30 °C to 70 °C
Temperature during installation		-5 °C to 50 °C
Min. bending radius mm	fixed installed	10 x outer diameter in mm
<b>Safety parameters</b>		
Reaction to fire		EN 50399 C <sub>ca</sub> – s1, d2, a1
Flame spread	single cable	IEC 60332-1-2
	bunched cables	IEC 60332-3-24
Halogen free		IEC 60754-1 /-2
Smoke density		IEC 61034-1/ -2

## TPGF C<sub>ca</sub>

Telecommunication cable, 250 V  
+70 °C service temperature, individual screen, low-smoke, halogen free, fire retardant  
EN 50575

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.