

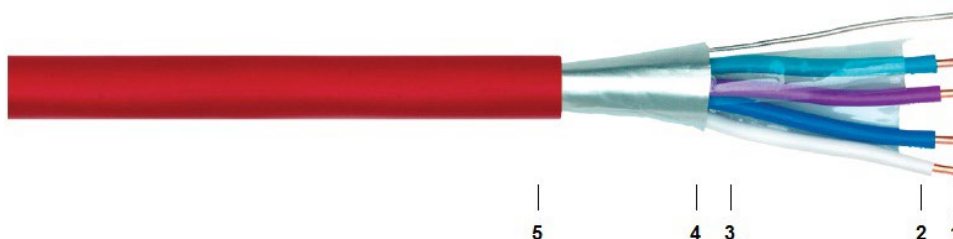
TGGF C_{ca}

Security and alarm cable, 150 V
+70 °C service temperature, collective screen, low smoke, zero halogen, fire retardant
EN 50575

Application

Zero halogen, collectively screened communication cable with improved fire characteristics for use in telecommunication and fire detection systems. Zero halogen cables are suitable for installation in environments where smoke and toxic fumes may threaten life or valuable equipment. For fixed installation indoors.

Construction



1. Conductor: Copper conductor, bare, solid (class 1)
2. Insulation: Zero halogen compound
3. Separator: Plastic tape
4. Screen: Laminated Alu/PETP tape + copper drain wire
5. Outer sheath: Zero halogen compound, red or green

Technical information

Rated voltage	U_{max}	150 V
Max. permissible temperature at conductor		70 °C
Operating temperature	fixed installation	-10 °C to 70 °C
Temperature during installation		+5 °C to 50 °C
Min. bending radius mm	fixed installation	10 x outer diameter in mm

Safety parameters

Reaction to fire EN 50399 C_{ca} – s1, d2, a1

N° of cores and cross section mm	Outer diameter approx. mm	Copper index approx. kg/km	Weight approx. kg/km
1 x 2 x 0,8	3,6	10	21
1 x 4 x 0,8	4,1	14	26
4 x 2 x 0,8	4,5	18	33

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