

27-FIRE RESISTANT SPEAKER CABLE E-30

FRS 15 - FRS 25 - FRS 40 - FRS 60

Halogen free fire resistant speaker cables are ideal for fixed installation system. These cables are tested according to IEC 60332-3, IEC 60331 and BS 6387 C,W,Z.

CABLE CONSTRUCTION

	FRS15 2x1.5 mm ²	FRS25 2x2.5 mm ²	FRS40 2x4.0 mm ²	FRS60 2x6.0 mm ²
Inner Conductor	84x0.15 Ømm(2x1.5mm ²) Stranded bare OFC wires IEC228 class 5	140x0.15 Ømm(2x2.5mm ²) Stranded bare OFC wires IEC228 class 5	224x0.15 Ømm(2x4.0mm ²) Stranded bare OFC wires IEC228 class 5	84x0.30 Ømm(2x6.0mm ²) Stranded bare OFC wires IEC228 class 5
Insulation	Ø2.80mm Silicon Rubber Black/Red	Ø3.20mm Silicon Rubber Black/Red	Ø3.90mm Silicon Rubber Black/Red	Ø4.60mm Silicon Rubber Black/Red
Inner Sheath (Filling)	H. Free Fire Retardant Filling Compoud	H. Free Fire Retardant Filling Compoud	H. Free Fire Retardant Filling Compoud	H. Free Fire Retardant Filling Compoud
Jacket (+/-3%)	Ø9.0 mm H. Free Fire Retardant Compoud, VDE 0207 HM2	Ø9.80 mm H. Free Fire Retardant Compoud, VDE 0207 HM2	Ø11.0 mm H. Free Fire Retardant Compoud, VDE 0207 HM2	Ø12.60 mm H. Free Fire Retardant Compoud, VDE 0207 HM2
Color	Orange RAL 2004	Orange RAL 2004	Orange RAL 2004	Orange RAL 2004
Standard Packing	100 , 250 , 500 m Plywood Spool	100 , 250 , 500 m Plywood Spool	100 , 250 , 500 m Plywood Spool	100 , 250 , 500 m Plywood Spool
Approx. Weight	26.-Kg/Km	103.-Kg/Km	165.-Kg/Km	

Electrical Characteristics

Conductor Resistance	<13.3 Ω/Km According to IEC 228	< 8 Ω/Km According to IEC 228	< 4.95 Ω/Km According to IEC 228	< 3.3 Ω/Km According to IEC 228
Operating Voltage	300 Veff	300 Veff	300 Veff	300 Veff
Test Voltage	3000 Veff	3000 Veff	3000 Veff	3000 Veff
Insulation Resistance	>200M ΩxKm	>200M ΩxKm	>200M ΩxKm	
Temperature Range	-30 °C.....+ 90 °C	-30 °C.....+ 90 °C	-30 °C.....+ 90 °C	-30 °C.....+ 90 °C
Flame Tests	IEC 332-1, IEC 332-3 catC	IEC 332-1, IEC 332-3 catC	IEC 332-1, IEC 332-3 catC	IEC 332-1, IEC 332-3 catC
Insulation/Circuit integrity	IEC 60331, BS 6387 C,W,Z	IEC 60331, BS 6387 C,W,Z	IEC 60331, BS 6387 C,W,Z	IEC 60331, BS 6387 C,W,Z
Smoke Density	IEC61034-1/2	IEC61034-1/2	IEC61034-1/2	IEC61034-1/2
Corrosive Gases	IEC60754-2	IEC60754-2	IEC60754-2	IEC60754-2

Min. Bending Radius : 7.5 x Cable Diameter

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