

SHIELDED FIRE RESISTANT - Silicone insulation ATOXTEL COMUNICATION CABLES Low smoke, Halogen-free, FE180 / E90



TECHNICAL FEATURES

Operating temperature	-10 °C ÷ +70 °C
Rated voltage	300/500V
Testing voltage	2,0 kV
Conductor material	Solid bare copper 0,80mm
Conductor class	Class 1 DIN VDE 0295 resp IEC 60228
Core insulation	High performance ceramifiable Silicone Rubber
Core identification	White and Blue numbered
Pairs	Core twisted with polyester tape
Shield	Alum./Polyester tape, drain wire TC and Polyester tape
Outer sheath material	Thermoplastic halogen free, fire retard. LSOH Type M1
Printing	To be defined
Colour outer sheath	Orange Ral 2004

APPLICATION

Fire performance cables, for voice and data communication.
Designed to maintain circuit integrity under fire conditions, according to IEC-EN fire test standards. Suitable for 300V

SPECIAL FEATURES

Compliant to the following standards:
EN 50267-2-3: Acidity of gasses;
EN 61034-2: Smoke density;
IEC 60332-3-24: No flame propagation cat.C;
IEC 60332-1-2: Flame retardant;
IEC 60331-11-21: Circuit integrity E90;
VDE 0472-814: Fire resistant FE180;

REMARKS

Conform to RoHS
CE acc. to EC low-voltage Directory 73/23/EEC and 93/68/EEC

Size	Nom. O.D.	Copper weight	Approx. Cable weight
mm	mm	kg/km	kg/km
1x2 x 0,80	6,20	13	37
1x4 x 0,80	7,00	23	68
3x2 x 0,80	9,50	33	97
4x2 x 0,80	11,10	42	120
5x2 x 0,80	11,50	52	136
7x2 x 0,80	13,50	72	161
10x2 x 0,80	14,60	101	202