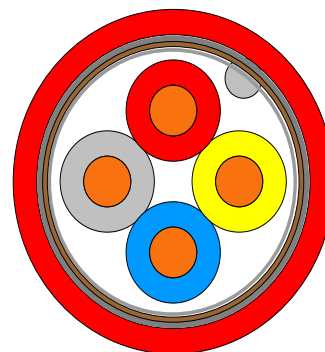


FIRE RESISTANT SIGNAL CONTROL CABLES
ERVITAL JE-H(St)H...Bd FE180 / PH120 / E90
(VDE 0815)

APPLICATION

In Places Where Electro-Magnetic Interference and Influence Exists;
 Indoors Where People are Densely Populated;
 - Instrumentation and Control Engineering
 - Industrial Electronics
 - Computers and Office Machines
 - Indoor Communication Systems
 - Indoor Sound Systems

In Place Where Human Life and Valuable Materials and Equipment Need to Be Protected



Good EMC Characteristics/ Flame Retardant Characteristic/ Low Smoke Emission/ Without Poisoned And Corrosive Gases
 Fire Resistant/ Circuit Integrity for Min. 180 Minutes (FE180)/ Circuit Integrity With Shock for Min. 120 Minutes (PH120)
 Cable System Circuit Integrity for Min. 90 Minutes (E90)

TECHNICAL CHARACTERISTICS

1 - Conductor	: IEC 60228/DIN EN 60228/ EN 60228 Class 1 Electrolytic Solid Copper (0,80 mm Ø)
2 - Insulation	: Cross-Linked Special Polymer Compound
3 - Insulation Colour	: VDE 0815
4 - Stranding	: Star quad
5 - Wrapping	: PES Tape
6 - Flame Barrier	: Glass Fibre Tape
7 - Overall Screen	: Tinned Copper Drain Wire (0,80mm Ø) + Al-PES Tape
8 - Outer Sheath	: EN 50290-2-27 HFFR Compound
9 - Outer Sheath Colour	: RAL 3000 Red
10 - Min.Bending Radius	: 10 x D
11 - Operating Voltage	: 225 V
12 - Test Voltage	: 1000 V
13 - Temperature Range	: -40°C ~+70°C (Fixed Laying)
14 - Flame Retardant Test	: IEC 60332-1-2, DIN EN 60332-1-2, BS EN 60332-1-2, EN 60332-1-2
15 - Flame Propagation Test (CAT C)	: IEC 60332-3-24, DIN EN 60332-3-24, BS EN 60332-3-24, EN 60332-3-24
16 - Smoke Density Test	: IEC 61034-2, VDE 0482-1034-2, EN 61034-2
17 - Corrosive Gas Test	: IEC 60754-2, VDE 0482-754-1-2, EN 60754-2
18 - Halogen Free Test	: IEC 60754-1, VDE 0482-754-2, EN 60754-2
19 - Circuit Integrity Test (FE180)	: IEC 60331-23
20 - Circuit Integrity With Shock Test (PH120)	: EN 50200; VDE 0482-200; BS EN 50200
21 - Cable System Circuit Integrity Test (E90)	: DIN 4102-12
22 - Cable Marking	: ERSE KABLO ERVITAL JE-H(St)H 2x2x0,8+0,8 mm Bd FE180/PH120/E90 IEC 60331-23/TS EN 50200 < VDE-REG 8336> @UE/@OK CĈ RoHS CCCC mt CCCC mt

Cross Section (mm)	Overall Diameter (mm)	Loop Resistance (Ω/Km)	Insulation Resistance (MΩxKm)	Mutual Capacity (nF/m)	Approx. Weight (kg/km)	Product Code
2X2X0,80+0,80	6,70±%10	73,2	100	120	70	MDER009400200080R