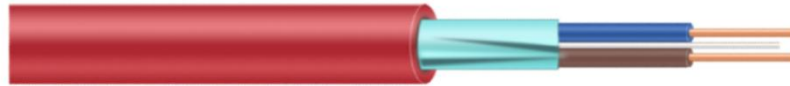


FIRE RESISTANT CABLE



APPLICATION

Fire resistant cable solution for fire detection, fire alarm, emergency voice communication and emergency lighting circuits.

STANDARDS

IEC 60228	Conductors of insulated cables
IEC 60331-21	Tests for electric cables under fire conditions –Circuit integrity
BS EN 50200	Method of test for resistance to fire
IEC 60332-1	Flame Retardant Test Standard
IEC 60754	Halogen Free,Low Toxicity,Low Corrosivity
IEC 60134-2	Smoke Density

CONSTRUCTION

Conductor Material	Bare Copper
Conductor Surface	Solid
Core Insulation Material	Fire resistant silicon rubber
Drain Material	Tinned Copper
Screen Material	Aluminium Foil
Material outer sheath	LSZH

COLOURS

Insulation Identification:

Two Cores: Brown, Blue

Three Cores: Brown, Black, Grey

Four Cores: Blue, Brown, Black, Grey

Sheath: Red or White

CHARACTERISTICS

Conductor DC resistance	IEC 60228 class1
Nominal Voltage U_0/U	300/300V
Operation Temperature	-20°C ~ +90°C
Installation Temperature	-5°C ~ +60°C
Minimum Bending Radius	8×D
Circuit Integrity	IEC60331,BS EN 50200 PH30,PH120
Fire Flame Retardant	IEC 60332-1-2

TECHNICAL DATA

Part Number	No. of cores	Nom. CS [mm ²]	Nom. OD [mm]	DCR@ 20° C [Ω/km]	Weight [kg/km]
32901N2	2	1	5.6	18.1	47
32902N2	3	1	5.9	12.1	60
32903N2	4	1	6.5	7.41	75
32904N2	2	1.5	6.6	18.1	64
32905N2	3	1.5	7	12.1	84
32906N2	4	1.5	7.6	7.41	106
32907N2	2	2.5	7.4	18.1	84
32908N2	3	2.5	7.8	12.1	118
32909N2	4	2.5	8.8	7.41	150

MARKING

P/N 32904N2 CHATNOW FIRE RESISTANCE SHIELDED CABLE (UL) E541076 1.5MM2 /2C EN50200 PH120 <0001M>

PACKING

100m Coil with Box

100m/300m/500m Wooden Drum with Pallet