

MULTI-CORE, FIRE ALARM CABLES

(PVC insulation, overall screened, PVC outer sheath)

APPLICATION

For use in fire detection and alarm systems where "standard" fire resistance is required. These cables meet the requirements of IEC 60332-1 (Flame Test on Single Vertical Insulated Wires/Cables). It is not recommended for these cables to be used in situations where circuit integrity need to be maintained during a fire situation.

FIRE ALARM

CONSTRUCTION

CONDUCTOR	Plain annealed copper (solid or stranded)
INSULATION	Flame Retardant Polyvinyl Chloride (FR PVC)
CORE IDENTIFICATION	Two or Four cores are twisted together Two core colour code: Blue/Red Four core colour code: Blue/Red/Yellow/Grey
OVERALL SCREEN	100% coverage of aluminium/polyester tape (38µm thickness), with a multi-strand tinned copper drainwire
SHEATH	Red coloured Flame Retardant Polyvinyl Chloride (FR PVC) (Other colours are available on request)

PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF CORES	PRODUCT CODE	OVERALL DIAMETER (mm)	STANDARD LENGTH (m)	CABLE WEIGHT (kg/km)
0.5mm Solid Copper Conductors:				
4	FIRE ALARM – 4CR 0.5mm 1000m Reel	4.0	1000	23
0.8mm Solid Copper Conductors:				
2	FIRE ALARM – 2CR 0.8mm 500m Reel	4.6	500	28
4	FIRE ALARM – 4CR 0.8mm 500m Reel	5.5	500	46
1.0mm² Stranded Copper Conductors:				
2	FIRE ALARM – 2CR 1.0mm ² 500m Reel	6.1	500	48
4	FIRE ALARM – 4CR 1.0mm ² 500m Reel	7.1	500	78
1.5mm² Stranded Copper Conductors:				
2	FIRE ALARM – 2CR 1.5mm ² 500m Reel	6.5	500	57
2.5mm² Stranded Copper Conductors:				
2	FIRE ALARM – 2CR 2.5mm ² 500m Reel	8.4	500	94

