



CONDUCTOR

Plain annealed solid circular copper conductors to meet the requirements of BS EN 60228 class 1

INSULATION

High performance insulation to meet type EI2 of BS EN 50363-1. Brown & Blue cores.

OVERALL METALLIC SCREEN AND CPC

Aluminum polyester tape to provide overall screening. This tape is in contact with 0.5mm² tinned annealed copper circuit protective conductor and laid-up with the cores to provide screen earthing.

SHEATH

Robust thermoplastic Low Smoke, Zero Halogen and reduced flame propagation outer sheath. Provided in Red or White colour. Suitable for outdoor installation with exposure to normal daylight UV.

KEY APPLICATIONS

- Fire Detection and Fire Alarm Systems for buildings
- Voice Alarm Systems
- Emergency Lighting Systems

STANDARDS & APPROVALS

- Generally to BS EN 50288-7
- BS EN 50200 PH120 and ANNEX E
- BS 6387 (CWZ)
- LPCB approved

 Temperature Range -20°C to +70°C	 Bending Radius r=6D	 Mechanical Impact Low	 Flexibility Rigid
 Flame Propagation BS EN 60332-1-2	 Halogen Free BS EN 60754-1	 Low Smoke Emission BS EN 61034-2	 Fire Resistance BS EN 50200 PH120 BS EN 50200 ANNEX E BS 6387 CWZ



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