

## FIRE RESISTANT CABLES (FR) 1/2/3/4-CORE, INSULATED & SHEATHED, NON-ARMOURED & ARMOURED

### CABLE CONSTRUCTION

#### (1) NON-ARMOURED CABLES

CONDUCTOR	: Plain annealed copper conductors, Class 2
FIRE PROOF LAYER	: Mica glass tapes
INSULATION	: a) Mineral-filled XL-LSHF (XLEVA) 110°C or b) XLPE 90°C
COLOUR OF CORES	: 1 core - Natural 2 cores - Red and Black or (Brown and Blue) 3 cores - Red, Yellow and Blue or (Brown, Black and Grey) 4 cores - Red, Yellow, Blue and Black or (Brown, Black, Grey and Blue)
FILLERS	: PP yarn (optional)
CORE WRAPPING	: Flame retardant tape or polyester tape (optional)
SHEATH	: a) Mineral-filled LSHF (low smoke halogen free) or b) PVC-FR (Flame retardant PVC)
COLOUR OF SHEATH	: Orange or Black

#### (2) ARMOURED CABLES

CONDUCTOR	: Plain annealed copper conductors, Class 2
FIRE PROOF LAYER	: Mica glass tapes
INSULATION	: a) Mineral-filled XL-LSHF (XLEVA) 110°C or b) XLPE 90°C
COLOUR OF CORES	: 1 core - Natural 2 cores - Red and Black or (Brown and Blue) 3 cores - Red, Yellow and Blue or (Brown, Black and Grey) 4 cores - Red, Yellow, Blue and Black or (Brown, Black, Grey and Blue)
FILLERS	: PP yarn (optional)
CORE WRAPPING	: Flame retardant tape or polyester tape (optional)
BEDDING	: a) Mineral-filled LSHF (low smoke halogen free), orange or black or b) PVC-FR (Flame retardant PVC)
AMOUR	: 1 core - Aluminium wires 2, 3, 4 cores - Galvanized steel wires
SHEATH	: a) Mineral-filled LSHF (low smoke halogen free) or b) PVC-FR (Flame retardant PVC)
COLOUR OF SHEATH	: Orange or Black

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RATED VOLTAGE	: 600/1000V
APPLICABLE STANDARDS	: IEC 60502-1 IEC 60331-21, BS 6387 CWZ, BS 7846 Cat. F2 IEC 60332-1, IEC 60332-3-22 Cat. A, IEC 60332-3-23 Cat. B & ICE 60332-3-24 Cat.C IEC 60754 IEC 61034