

FLAME RETARDANT MULTI-CORE (FRT) ARMOURED AUXILIARY / CONTROL CABLES

CONSTRUCTION

CONDUCTOR	: Plain annealed copper conductor, Class 2
INSULATION	: XL-LSHF or XLPE
COLOUR OF INSULATION	: White with numbering
BEDDING	: LSHF or PVC-FR, orange or black colour
ARMOUR	: Galvanized Steel Wire
SHEATH	: LSHF OR PVC-FR, orange or black colour

APPLICABLES STANDARDS : IEC60502-1, IEC60332-1, IEC60332-3-22
Cat. A, IEC60332-3-23 Cat. B &
IEC60332-3-24 Cat. C



Multi Cores

- CU / XLPE / SWA / PVC-FR
- CU / XLPE / SWA / LSHF
- CU / XL-LSH / SWA / LSHF (FR MI)

Number of cores	Nominal cross-sectional area	Construction, number / wire diameter	Thickness of insulation	Thickness of bedding	Diameter of steel wire	Thickness of sheath	Approx. overall diameter	Approx. net weight
No.	sq.mm	No./mm	mm	mm	mm	mm	mm	kg/km
600 / 1000 V								
5	1.5	7/0.53	0.7	1.0	0.9	1.8	15.5	420
7	1.5	7/0.53	0.7	1.0	0.9	1.8	16.4	500
9	1.5	7/0.53	0.7	1.0	1.25	1.8	20.1	780
12	1.5	7/0.53	0.7	1.0	1.25	1.8	20.6	830
19	1.5	7/0.53	0.7	1.0	1.25	1.8	23.1	1090
27	1.5	7/0.53	0.7	1.0	1.6	1.8	27.3	1600
37	1.5	7/0.53	0.7	1.0	1.6	1.8	29.8	1950
48	1.5	7/0.53	0.7	1.0	1.6	1.9	33.5	2360
5	2.5	7/0.67	0.7	1.0	0.9	1.8	16.6	540
7	2.5	7/0.67	0.7	1.0	1.25	1.8	18.3	750
9	2.5	7/0.67	0.7	1.0	1.25	1.8	21.7	1000
12	2.5	7/0.67	0.7	1.0	1.25	1.8	22.2	1080
19	2.5	7/0.67	0.7	1.0	1.6	1.8	25.8	1640
27	2.5	7/0.67	0.7	1.0	1.6	1.8	29.7	2100
37	2.5	7/0.67	0.7	1.0	1.6	1.9	32.8	2600
48	2.5	7/0.67	0.7	1.2	2.0	2.1	38.3	3520
5	4	7/0.85	0.7	1.0	1.25	1.8	18.6	810
7	4	7/0.85	0.7	1.0	1.25	1.8	19.8	970
9	4	7/0.85	0.7	1.0	1.6	1.8	24.4	1500
12	4	7/0.85	0.7	1.0	1.6	1.8	25.0	1630
19	4	7/0.85	0.7	1.0	1.6	1.8	28.3	2170
27	4	7/0.85	0.7	1.0	1.6	1.9	33.0	3180
37	4	7/0.85	0.7	1.2	2.0	2.1	37.9	3910
48	4	7/0.85	0.7	1.2	2.0	2.2	42.6	4790