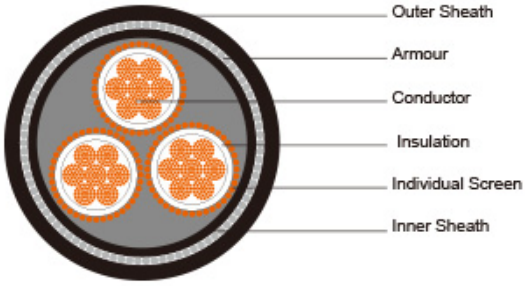
XLPE Insulated 6.35/11KV & 12.7/22KV



Applications	Thesecables are used as HV feeder cables in fixed conditions.
Standards	AS/NZS 1972:2006 AS/NZS 1125 AS/NZS 3808
Construction	
Conductors	Stranded plain copper conductor.
Insulation	XLPE.
Individual Screen (earth conductor)	Copper wire.
Inner Sheath	PVC sheath.
Armour	Galvanized steel wire armour.
Outer Sheath	PVC sheath to AS/NZS 1429.1.

Dimensions and Weight

Nominal Conductor Area	Nominal Conductor Diameter	Insulation Thickness	Core screen		Armour Wire Diameter	Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
			Strand Size	Area of Screen				
mm²	mm	mm	mm	mm²	mm	mm	mm	kg/100m
6.35/11kV								
16	4.8	3.4	10/0.85	5.7	2.00	2.4	46.6	330
25	5.8	3.4	10/0.85	5.7	2.50	2.5	50.1	415
35	6.8	3.4	11/0.85	6.2	2.50	2.6	52.8	475
50	8.0	3.4	15/0.85	8.5	2.50	2.7	55.7	540
70	9.6	3.4	21/0.85	11.9	2.50	2.8	59.6	645
95	11.5	3.4	29/0.85	16.5	2.50	2.9	63.9	775
120	13.1	3.4	36/0.85	20.4	2.50	3.1	67.9	905
150	14.5	3.4	44/0.85	25.0	2.50	3.2	71.5	1030
185	16.1	3.4	22/1.35	31.5	3.15	3.3	78.6	1280

240	18.5	3.4	29/1.35	41.5	3.15	3.5	84.7	1550
300	20.7	3.4	37/1.35	53.0	3.15	3.7	90.4	1820
400	23.6	3.4	47/1.35	67.3	3.15	4.0	97.9	2230
12.7/22kV								
35	6.8	5.5	14/0.85	7.9	2.5	2.9	63.2	600
50	8.0	5.5	15/0.85	8.5	2.5	3.0	66.0	665
70	9.6	5.5	21/0.85	11.9	2.5	3.1	69.9	775
95	11.5	5.5	29/0.85	16.5	2.5	3.3	74.4	920
120	13.1	5.5	36/0.85	20.4	3.15	3.4	79.5	1140
150	14.5	5.5	44/0.85	25.0	3.15	3.5	83.1	1280
185	16.1	5.5	22/1.35	31.5	3.15	3.7	89.1	1450
240	18.5	5.5	29/1.35	41.5	3.15	3.9	95.0	1720
300	20.7	5.5	37/1.35	53.0	3.15	4.1	101.1	2010
400	23.6	5.5	47/1.35	67.3	3.15	4.3	108.2	2420