

3 CORE - HT XLPE 11/11 kV; 11 kV(UE) AS PER IS:7098 (PT-2)

Nominal Area	Sq mm	50	70	95	120	150	185	240	300	400
Nominal Thickness of Insulation	mm	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50
Minim Thickness of Inner Sheath	mm	0.60	0.60	0.60	0.70	0.70	0.70	0.70	0.70	0.70
FLAT GALVANISED STEEL STRIP ARMoured										
Nominal Thickness of Armour G. S. Flat Strip	mm	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Minim Thickness of Outer Sheath	mm	2.20	2.20	2.36	2.36	2.52	2.68	2.84	3.00	3.00
Approx Overall Diameter	mm	53.20	56.70	60.90	64.40	68.00	70.90	76.10	80.50	87.20
Approx weight of Cable kgs/km	kgs/km	3280	3720	4310	4820	5370	5930	6900	7830	9170
Standard Drum length	Mtrs	500	500	500	500	500	500	500	500	250
Drum Size		2009G	2009G	2212G	2412G	2412G	2412G	2413(14)G	2413(14)G	241(14)G
ROUND GALVANISED WIRE ARMoured										
Nominal Diameter of Round Armour wire	mm	2.50	2.50	3.15	3.15	3.15	3.15	3.15	4.00	4.00
Minim Thickness of Outer Sheath	mm	2.20	2.36	2.52	2.52	2.68	2.84	3.00	3.00	3.00
Approx Overall Diameter	mm	56.40	60.00	65.50	69.10	72.60	75.50	80.80	87.20	93.80
Approx weight of Cable kgs/km	kgs/km	4430	4980	6390	7030	7665	8320	9460	11510	13270
Standard Drum length	Mtrs	500	500	500	500	500	250	250	250	250
Drum Size		2009G	2212G	2412G	2412G	2614(13)G	2414(14)G	2414(14)G	2616(14)G	2616(14)G
REACTIVE COMPONENT										
Approx Capacitance mF/km	mF/km	0.16	0.18	0.21	0.23	0.24	0.26	0.29	0.31	0.35
Approx Reactance Ω/KM	Ω/KM	0.116	0.110	0.105	0.101	0.098	0.096	0.093	0.090	0.087
CONTINUOUS CURRENT RATING FOR THREE CORE CABLES										
Current rating in Ground at 30 dec C	Amp	131	161	190	216	242	273	315	354	404
Current rating in Duct at 30 dec C	Amp	114	139	165	188	209	240	278	312	356
Current rating in Air at 40 dec C	Amp	148	184	222	256	288	330	387	441	512

