

CONSTRUCTION

- 1 Copper conductor (class 2)
- 2 Inner semi conductive layer
- 3 XLPE insulation
- 4 Outer semi conductive layer
- 5 Semi conductive water blocking tape
- 6 Concentric conductor
- 7 Copper tape
- 8 Water swelling tape
- 9 Copolymer aluminium tape
- 10 Polyethylene outer sheath



SPECIFICATIONS

Code : 2XS(FL)2Y
 Standards : IEC 60840 Test Standards
 Rated voltage : U₀/U=26/45 kV
 U₀/U=38/66 kV
 U₀/U=64/100 kV
 U₀/U=89/154 kV

Application :
 Used to transmit energy from power centres to national and international interconnection networks, at connection of cities to central distribution systems, also used in special premises where over head lines are not permitted such as city centres due to safety and environmental regulations. Additionally, this cable is completely waterproof.



Temperature Range



Max. Operation Temperature



Short Circuit Temperature



Flame Retardant
IEC 60332 -1-2



Min. Bending Radius



RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Delivery drum type	Conductor DC resistance at 20°C	Operating inductance approx	Operating capacity approx	Current carrying capacity in (30°C)		
								mm ²	mm	kg/km
26/45 (52) kV										
1x300/35	53	5300	500	210	0.0601	0.37	0.20		598	
1x400/35	62	6100	500	220	0.0470	0.35	0.22		673	
1x500/50	67	7200	500	240	0.0366	0.33	0.24		759	
38/66 (76) kV										
1x630/135	80	12200	250	240	0.0283	0.48	0.19		764	
1x800/135	83	14000	250	240	0.0221	0.46	0.21		896	
1x1000/135	88	16000	250	240	0.0176	0.43	0.24		931	
64/110 (123) kV										
1x630/135	89	13300	250	260	0.0283	0.59	0.18		821	
1x800/135	93	15100	250	260	0.0221	0.57	0.19		902	
1x1000/135	97	17200	250	280	0.0176	0.55	0.21		968	
89/154 (175) kV										
1x630/135	95	14200	250	260	0.0283	0.69	0.16		1080	
1x800/135	99	15900	250	280	0.0221	0.68	0.18		1220	
1x1000/135	103	18100	250	280	0.0176	0.66	0.19		1355	

• Since construction of these cables are individually prepared on project basis, please contact with our company for further information.