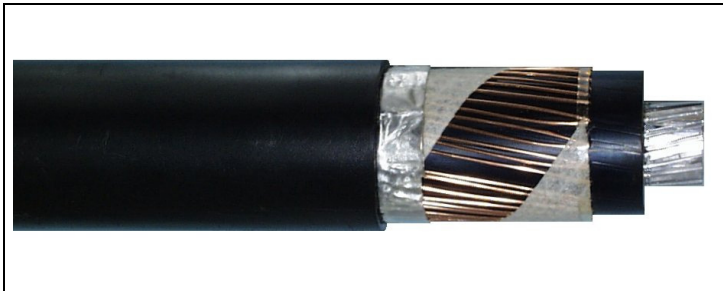




TSLE 24kV



ELpex

with aluminium conductor

Max conductor temp. : 90°C
Rated voltage U₀/U_{Um} : 12/20(24)kV

Cenelec designation : N20XA7E-AR

Application

One-core electricity network cable, permitted outdoor in ground, air and water. The cable is axial and radial water proof. National regulations for electrical installations must be followed.

STANDARDS APPLIED

Construction : CENELEC HD 620-5K
IEC 60502-2
Flame retardancy : No
Halogen-free : IEC 60754-1 and 2

CONSTRUCTION

	CODE	
Conductor		Stranded, round compressed aluminium with swelling-powder
Conductorscreen		Extruded semi-conductive material
Insulation	T	XLPE (cross-linked Polyethylen)
Insulationscreen		Extruded bonded semi-conductive material
Bedding		Semi-conductive swelling-tape
Concentric conductor	S	Screen of copper wires. Direct contact between cu and al.
Aluminiumtape	L	Longitudinal Aluminiumtape
Outer sheath	E	Polyethylen (PE) bonded to the aluminiumtape
Colour		Black
Marking		Printed on outer sheath designation and dimension
Mode of packing		Drum

DIMENSIONS

Rev.3.

No. of cores and conductor area mm ²	Cond.-type *)	El. No.	Art. No.	Diameter over		Outer diameter approx. mm	Approx. weight kg/km	Normal delivery length m
				XLPE, mm	Insul.screen, mm			
1 X 25/16	AFR	1065553	500485	18	19	27	620	1000
1 x 50/16	AFR	1065554	500486	20	21	28	700	1000
1 x 95/25	AFR	1065555	500487	24	25	32	980	1000
1 x 150/25	AFR	1065556	500488	27	28	35	1200	1000
1 x 240/35	AFR	1065557	500489	31	32	39	1650	1000
1 x 400/35	AFR	1065558	500490	36	37	45	2260	500
1 x 630/50	AFR	1065559	500491	44	45	53	3260	500
3 x 1 x 25/16	AFR	1065560	500494	18	19	59	1860	500
3 x 1 x 50/16	AFR	1065561	500496	20	21	60	2100	500
3 x 1 x 95/25	AFR	1065562	500497	24	25	69	2940	500
3 x 1 x 150/25	AFR	1065563	500498	27	28	75	3600	400
3 x 1 x 240/35	AFR	1065564	500499	31	32	84	4950	330

*)AFR = Aluminium stranded round

Mode of packing and length can be changed.
Not all dimensions are in stock.