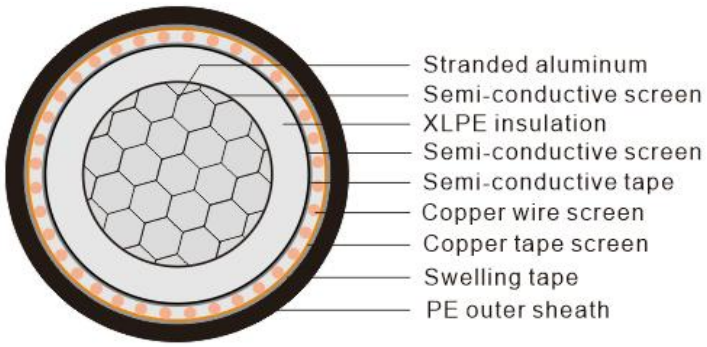
伟光电缆
WEIGUANG CABLE

Medium voltage XLPE insulated power cable NA2XS (F) 2Y, 6/10(12) kV-18/30 (36) kV

AL/XLPE/CWS+CTS/MDPE

Medium voltage XLPE insulated power cables with waterblocking tape are used for distribution networks and generation units. They are UV resistant.



Standards

IEC 60502-2, IEC 60228 or other standards on request

Construction

Conductor	Aluminum
Conductor screen	Semi-conductive compound
Insulation	Cross-linked polyethylene (XLPE)
Insulation screen	Semi-conductive compound
Waterblocking	Semi-conductive swellable tape
Metallic screen	Copper wire screen (CWS)+Copper tape screen (CTS)
Waterblocking	Swellable tape
Outer sheath	PE, or Medium Density Polyethylene(MDPE)

Data sheet

Medium voltage XLPE insulated power cable NA2XS (F) 2Y, 6/10(12) kV-18/30 (36) kV

Medium voltage XLPE insulated power cable
NA2XS (F) 2Y, 6/10(12) kV-18/30 (36) kV

Nom. cross-sectional area of conductor/ screen	No./dia. of conductor	Insulation thickness	No./dia. of wire screen	No./dia./ thickness of tape screen	Sheath thickness	Approx. weight	Max. pulling tension
mm^2	mm	mm	mm	mm	mm	kg/km	N
6/10（12）kV							
1×50/16	7x2.90	3.4	44x0.66	1x0.1x10	1.8	550	1500
1×70/16	19x2.18	3.4	44x0.66	1x0.1x10	1.8	650	2100
1×95/16	19x2.55	3.4	44x0.66	1x0.1x10	1.8	750	2850
1×120/16	19x2.90	3.4	44x0.66	1x0.1x10	1.8	850	4500
1×150/25	19×3.16	3.4	71x0.66	1x0.1x10	1.9	1100	7500
1×185/25	37x2.55	3.4	71x0.66	1x0.1x10	1.9	1200	5550
1×240/25	37x2.90	3.4	71x0.66	1x0.1x10	2.0	1400	7200
1×300/25	61x2.55	3.4	71x0.66	1x0.1x10	2.1	1600	9000
1×400/35	61x2.90	3.4	60x0.85	1x0.1x15	2.2	2000	12000
1×500/35	61x3.20	3.4	60x0.85	1x0.1x15	2.3	2500	15000
1×630/35	61x3.65	3.4	60x0.85	1x0.1x15	2.4	3000	18900
8.7/15 (18) kV							
1×50/16	7x2.90	4.5	44x0.66	1x0.1x10	1.8	550	1500
1×70/25	19x2.18	4.5	71x0.66	1x0.1x10	1.8	650	2100
1×95/35	19x2.55	4.5	60x0.85	1x0.1x10	1.8	750	2850
1×120/50	19x2.90	4.5	88x0.85	1x0.1x10	1.9	850	4500
1×150/50	19×3.16	4.5	88x0.85	1x0.1x10	1.9	1100	7500
1×185/50	37x2.55	4.5	88x0.85	1x0.1x10	2.0	1200	5550
1×240/50	37x2.90	4.5	88x0.85	1x0.1x10	2.0	1400	7200
1×300/50	61x2.55	4.5	88x0.85	1x0.1x10	2.1	1600	9000
1×400/50	61x2.90	4.5	88x0.85	1x0.1x15	2.2	2000	12000
1×500/50	61x3.20	4.5	88x0.85	1x0.1x15	2.3	2500	15000
1×630/50	61x3.65	4.5	88x0.85	1x0.1x15	2.4	3000	18900
12/20 (24)kV							
1×50/16	7x2.90	5.5	44x0.66	1x0.1x10	1.8	700	1500
1×70/16	19x2.18	5.5	44x0.66	1x0.1x10	1.9	800	2100
1×95/16	19x2.55	5.5	44x0.66	1x0.1x10	1.9	900	2850
1×120/16	19x2.90	5.5	44x0.66	1x0.1x10	2.0	1000	4500
1×150/25	19×3.16	5.5	71x0.66	1x0.1x10	2.0	1300	7500
1×185/25	37x2.55	5.5	71x0.66	1x0.1x10	2.1	1400	5550
1×240/25	37x2.90	5.5	71x0.66	1x0.1x10	2.1	1600	7200
1×300/25	61x2.55	5.5	71x0.66	1x0.1x10	2.2	1900	9000
1×400/35	61x2.90	5.5	60x0.85	1x0.1x15	2.3	2250	12000
1×500/35	61x3.20	5.5	60x0.85	1x0.1x15	2.4	2750	15000

Nom. cross-sectional area of conductor/ screen	No./dia. of conductor	Insulation thickness	No./dia. of wire screen	No./dia./ thickness of tape screen	Sheath thickness	Approx. weight	Max. pulling tension
mm^2	mm	mm	mm	mm	mm	kg/km	N
1×630/35	61x3.65	5.5	60x0.85	1x0.1x15	2.5	3250	18900
18/30 (36)kV							
1×50/16	7x2.90	8.0	44x0.66	1x0.1x10	2.0	1000	1500
1×70/16	19x2.18	8.0	44x0.66	1x0.1x10	2.0	1100	2100
1×95/16	19x2.55	8.0	44x0.66	1x0.1x10	2.1	1300	2850
1×120/16	19x2.90	8.0	44x0.66	1x0.1x10	2.1	1400	4500
1×150/25	19×3.16	8.0	71x0.66	1x0.1x10	2.2	1600	7500
1×185/25	37x2.55	8.0	71x0.66	1x0.1x10	2.2	1800	5550
1×240/25	37x2.90	8.0	71x0.66	1x0.1x10	2.3	2000	7200
1×300/25	61x2.55	8.0	71x0.66	1x0.1x10	2.4	2250	9000
1×400/35	61x2.90	8.0	60x0.85	1x0.1x15	2.5	2750	12000
1×500/35	61x3.20	8.0	60x0.85	1x0.1x15	2.6	3250	15000
1×630/35	61x3.65	8.0	60x0.85	1x0.1x15	2.7	3750	18900

*The information in this data sheet is for reference only and is subject to change without notice or liability.