



IEEE 1580 TYPE TP(OS)LSEL SIGNAL CABLES

Multi-Pair, Overall Shielded, 20 AWG (19.0073)BC, 300V

LSZH EPR (LSE) Insulation, .0015"Al/Poly Overall Shield w/#22(7/.010)TC Drain, LSZH Crosslinked Polyolefin (L) Jacket, armored & unarmored

Cable Type	Number of Pairs	Insulation Thickness (in)	Jacket Thickness (in)	Cable Diameter (nominal) (in)	Cable Weight (approx.) (lbs/mft)	Armored Cable Diameter (nom) (in)	Aluminum Arm. Cable Weight (lbs/mft)	Bronze Arm. Cable Weight (lbs/mft)
TP20(OS)LSEL-1	1	0.025	0.045	0.281	45	0.344	60	95
TP20(OS)LSEL-2	2	0.025	0.045	0.435	98	0.498	120	171
TP20(OS)LSEL-3	3	0.025	0.045	0.441	104	0.504	126	178
TP20(OS)LSEL-4	4	0.025	0.045	0.480	120	0.543	144	201
TP20(OS)LSEL-5	5	0.025	0.060	0.564	159	0.627	188	254
TP20(OS)LSEL-7	7	0.025	0.060	0.582	187	0.645	216	284
TP20(OS)LSEL-10	10	0.025	0.060	0.718	253	0.781	288	371
TP20(OS)LSEL-15	15	0.025	0.080	0.798	336	0.861	376	468
TP20(OS)LSEL-20	20	0.025	0.080	0.911	460	0.974	506	612

Note: For aluminum armored versions, add an A to the cable type (ex. TP20(OS)LSELA-7). For bronze armored versions, add a B to the cable type (ex. TP20(OS)LSELB-7)

Multi-Pair, Overall Shielded, 18 AWG (19.010)BC, 300V

LSZH EPR (LSE) Insulation, .0015"Al/Poly Overall Shield w/#22(7/.010)TC Drain, LSZH Crosslinked Polyolefin (L) Jacket, armored & unarmored

Cable Type	Number of Pairs	Insulation Thickness (in)	Jacket Thickness (in)	Cable Diameter (nominal) (in)	Cable Weight (approx.) (lbs/mft)	Armored Cable Diameter (nom) (in)	Aluminum Arm. Cable Weight (lbs/mft)	Bronze Arm. Cable Weight (lbs/mft)
TP18(OS)LSEL-1	1	0.025	0.045	0.305	60	0.368	76	114
TP18(OS)LSEL-2	2	0.025	0.045	0.480	125	0.543	150	209
TP18(OS)LSEL-3	3	0.025	0.045	0.486	136	0.549	161	220
TP18(OS)LSEL-4	4	0.025	0.06	0.561	177	0.624	205	272
TP18(OS)LSEL-5	5	0.025	0.060	0.622	208	0.685	240	313
TP18(OS)LSEL-7	7	0.025	0.060	0.644	253	0.707	285	360
TP18(OS)LSEL-10	10	0.025	0.080	0.796	343	0.859	383	475
TP18(OS)LSEL-15	15	0.025	0.080	0.93	505	0.993	551	659
TP18(OS)LSEL-20	20	0.025	0.080	1.013	636	1.076	685	800

Note: For aluminum armored versions, add an A to the cable type (ex. TP18(OS)LSELA-7). For bronze armored versions, add a B to the cable type (ex. TP18(OS)LSELB-7)

Multi-Pair, Overall Shielded, 16 AWG (19.0117)BC, 300V

LSZH EPR (LSE) Insulation, .0015"Al/Poly Overall Shield w/#20(7/.0121)TC Drain, LSZH Crosslinked Polyolefin (L) Jacket, armored & unarmored

Cable Type	Number of Pairs	Insulation Thickness (in)	Jacket Thickness (in)	Cable Diameter (nominal) (in)	Cable Weight (approx.) (lbs/mft)	Armored Cable Diameter (nom) (in)	Aluminum Arm. Cable Weight (lbs/mft)	Bronze Arm. Cable Weight (lbs/mft)
TP16(OS)LSEL-1	1	0.025	0.045	0.324	71	0.387	88	127
TP16(OS)LSEL-2	2	0.025	0.045	0.517	148	0.580	174	235
TP16(OS)LSEL-3	3	0.025	0.06	0.554	180	0.617	208	274
TP16(OS)LSEL-4	4	0.025	0.06	0.603	210	0.667	240	309
TP16(OS)LSEL-5	5	0.025	0.060	0.672	250	0.735	284	364
TP16(OS)LSEL-7	7	0.025	0.060	0.694	304	0.757	339	420
TP16(OS)LSEL-10	10	0.025	0.080	0.903	451	0.966	496	602
TP16(OS)LSEL-15	15	0.025	0.080	1.006	611	1.069	660	774
TP16(OS)LSEL-20	20	0.025	0.080	1.095	771	1.158	826	955

Note: For aluminum armored versions, add an A to the cable type (ex. TP16(OS)LSELA-7). For bronze armored versions, add a B to the cable type (ex. TP16(OS)LSELB-7)

Service and Performance through Innovation, Quality and Delivery

Marine Tech Wire and Cable, Inc., P.O. Box 7309, York, PA 17404 . Phone: 717-854-1992 . Fax: 717-854-4189