

**MARINE TECH**

WIRE AND CABLE, INC.

**IEEE 1580 TYPE TPLSEL  
SIGNAL CABLES****Multi-Pair, 20 AWG (19.0073)BC, 300V**

LSZH EPR (LSE) Insulation, LSZH Crosslinked Polyolefin (L) Jacket, armored &amp; 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)
TP20LSEL-1	1	0.025	0.045	0.276	44	0.339	59	94
TP20LSEL-2	2	0.025	0.045	0.427	91	0.490	113	164
TP20LSEL-3	3	0.025	0.045	0.433	98	0.496	120	171
TP20LSEL-4	4	0.025	0.045	0.472	114	0.535	138	195
TP20LSEL-5	5	0.025	0.060	0.556	151	0.619	179	245
TP20LSEL-7	7	0.025	0.060	0.574	180	0.637	209	276
TP20LSEL-10	10	0.025	0.060	0.709	244	0.772	279	361
TP20LSEL-15	15	0.025	0.060	0.789	326	0.852	365	457
TP20LSEL-20	20	0.025	0.080	0.902	449	0.965	494	600

Note: For aluminum armored versions, add an A to the cable type (ex. TP20LSELA-7). For bronze armored versions, add a B to the cable type (ex. TP20LSELB-7)

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

LSZH EPR (LSE) Insulation, LSZH Crosslinked Polyolefin (L) Jacket, armored &amp; 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)
TP18LSEL-1	1	0.025	0.045	0.3	56	0.363	72	110
TP18LSEL-2	2	0.025	0.045	0.472	118	0.535	143	201
TP18LSEL-3	3	0.025	0.045	0.478	130	0.541	155	214
TP18LSEL-4	4	0.025	0.06	0.553	170	0.616	198	264
TP18LSEL-5	5	0.025	0.060	0.614	201	0.677	231	301
TP18LSEL-7	7	0.025	0.060	0.635	245	0.698	277	352
TP18LSEL-10	10	0.025	0.060	0.787	333	0.85	372	464
TP18LSEL-15	15	0.025	0.080	0.919	493	0.982	539	646
TP18LSEL-20	20	0.025	0.080	1.002	623	1.065	672	785

Note: For aluminum armored versions, add an A to the cable type (ex. TP18LSELA-7). For bronze armored versions, add a B to the cable type (ex. TP18LSELB-7)

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

LSZH EPR (LSE) Insulation, LSZH Crosslinked Polyolefin (L) Jacket, armored &amp; 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)
TP16LSEL-1	1	0.025	0.045	0.32	66	0.383	83	122
TP16LSEL-2	2	0.025	0.045	0.509	139	0.572	165	225
TP16LSEL-3	3	0.025	0.045	0.515	154	0.578	180	241
TP16LSEL-4	4	0.025	0.045	0.595	202	0.658	231	300
TP16LSEL-5	5	0.025	0.060	0.663	240	0.726	274	354
TP16LSEL-7	7	0.025	0.060	0.685	294	0.748	329	409
TP16LSEL-10	10	0.025	0.080	0.894	440	0.957	485	590
TP16LSEL-15	15	0.025	0.080	0.995	597	1.058	646	759
TP16LSEL-20	20	0.025	0.080	1.084	756	1.147	811	939

Note: For aluminum armored versions, add an A to the cable type (ex. TP16LSELA-7). For bronze armored versions, add a B to the cable type (ex. TP16LSELB-7)

*Service and Performance through Innovation, Quality and Delivery*

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