



IEEE 1580 TYPE TP(IS)LSEL SIGNAL CABLES

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

LSZH EPR (LSE) Insulation, .0015"Al/Poly Pair 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(IS)LSEL-1	1	0.025	0.045	0.281	45	0.344	60	95
TP20(IS)LSEL-2	2	0.025	0.045	0.418	81	0.481	103	155
TP20(IS)LSEL-3	3	0.025	0.045	0.444	99	0.507	122	175
TP20(IS)LSEL-4	4	0.025	0.045	0.485	123	0.548	148	207
TP20(IS)LSEL-5	5	0.025	0.060	0.563	174	0.626	203	269
TP20(IS)LSEL-7	7	0.025	0.060	0.609	212	0.672	242	312
TP20(IS)LSEL-10	10	0.025	0.060	0.759	301	0.822	339	429
TP20(IS)LSEL-15	15	0.025	0.080	0.9	432	0.963	477	582
TP20(IS)LSEL-20	20	0.025	0.080	1.003	546	1.066	595	709

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

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

LSZH EPR (LSE) Insulation, .0015"Al/Poly Pair 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(IS)LSEL-1	1	0.025	0.045	0.305	60	0.368	76	114
TP18(IS)LSEL-2	2	0.025	0.045	0.459	103	0.522	128	185
TP18(IS)LSEL-3	3	0.025	0.045	0.488	128	0.551	153	213
TP18(IS)LSEL-4	4	0.025	0.06	0.567	176	0.63	205	271
TP18(IS)LSEL-5	5	0.025	0.060	0.619	227	0.682	257	328
TP18(IS)LSEL-7	7	0.025	0.060	0.672	270	0.735	304	384
TP18(IS)LSEL-10	10	0.025	0.080	0.882	431	0.945	476	579
TP18(IS)LSEL-15	15	0.025	0.080	0.998	546	1.061	595	708
TP18(IS)LSEL-20	20	0.025	0.080	1.112	719	1.175	775	905

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

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

LSZH EPR (LSE) Insulation, .0015"Al/Poly Pair 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(IS)LSEL-1	1	0.025	0.045	0.324	71	0.387	88	127
TP16(IS)LSEL-2	2	0.025	0.045	0.492	122	0.555	149	208
TP16(IS)LSEL-3	3	0.025	0.06	0.554	172	0.617	200	266
TP16(IS)LSEL-4	4	0.025	0.06	0.606	214	0.669	244	313
TP16(IS)LSEL-5	5	0.025	0.060	0.664	257	0.727	291	371
TP16(IS)LSEL-7	7	0.025	0.060	0.721	337	0.784	374	456
TP16(IS)LSEL-10	10	0.025	0.080	0.948	523	1.011	571	680
TP16(IS)LSEL-15	15	0.025	0.080	1.07	693	1.133	748	875
TP16(IS)LSEL-20	20	0.025	0.080	1.194	884	1.257	945	1083

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

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