



IEEE 1580 TYPE TP(IS-OS)LSEL SIGNAL CABLES

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

LSZH EPR (LSE) Insulation, .0015"Al/Poly Pair Shield w/#22(7/.010)TC Drain, .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(IS-OS)LSEL-2	2	0.025	0.045	0.426	87	0.489	109	160
TP20(IS-OS)LSEL-3	3	0.025	0.045	0.452	105	0.515	128	182
TP20(IS-OS)LSEL-4	4	0.025	0.045	0.493	129	0.556	155	214
TP20(IS-OS)LSEL-5	5	0.025	0.060	0.571	181	0.634	210	277
TP20(IS-OS)LSEL-7	7	0.025	0.060	0.617	220	0.68	250	321
TP20(IS-OS)LSEL-10	10	0.025	0.060	0.768	310	0.831	349	439
TP20(IS-OS)LSEL-15	15	0.025	0.080	0.909	442	0.972	488	594
TP20(IS-OS)LSEL-20	20	0.025	0.080	1.014	559	1.077	608	723

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

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

LSZH EPR (LSE) Insulation, .0015"Al/Poly Pair Shield w/#22(7/.010)TC Drain, .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(IS-OS)LSEL-2	2	0.025	0.045	0.467	108	0.53	131	186
TP18(IS-OS)LSEL-3	3	0.025	0.045	0.496	134	0.559	160	219
TP18(IS-OS)LSEL-4	4	0.025	0.060	0.575	183	0.638	212	279
TP18(IS-OS)LSEL-5	5	0.025	0.060	0.627	217	0.690	249	323
TP18(IS-OS)LSEL-7	7	0.025	0.060	0.681	279	0.744	314	394
TP18(IS-OS)LSEL-10	10	0.025	0.080	0.891	442	0.954	487	592
TP18(IS-OS)LSEL-15	15	0.025	0.080	1.009	581	1.072	630	744
TP18(IS-OS)LSEL-20	20	0.025	0.080	1.123	734	1.186	790	922

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

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

LSZH EPR (LSE) Insulation, .0015"Al/Poly Pair Shield w/#20(7/.0121)TC Drain, .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(IS-OS)LSEL-2	2	0.025	0.045	0.500	129	0.563	155	215
TP16(IS-OS)LSEL-3	3	0.025	0.06	0.562	180	0.625	209	275
TP16(IS-OS)LSEL-4	4	0.025	0.060	0.614	222	0.677	252	322
TP16(IS-OS)LSEL-5	5	0.025	0.060	0.673	266	0.736	300	381
TP16(IS-OS)LSEL-7	7	0.025	0.060	0.73	348	0.793	384	467
TP16(IS-OS)LSEL-10	10	0.025	0.080	0.959	537	1.022	584	694
TP16(IS-OS)LSEL-15	15	0.025	0.080	1.081	708	1.144	763	890
TP16(IS-OS)LSEL-20	20	0.025	0.080	1.205	901	1.268	961	1100

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

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