

TELEPHONE INTERNAL/CAT 3 M@XTEL®



Cable description:

M@XTEL INTERNAL/Cat 3. 1/0.50 PACW, Polyethylene Insulated, Twisted Pair, Unit Construction, Polyester Core Wrapped, PVC Sheathed, ACMA Approved. Cream Coloured Sheath.

Code	Description		OD mm	Min. Bending Radius mm	Max. Pulling Tension N	Mass kg / km	Telstra Version for Approved Contractors Telstra Part No.
0.5mm Unscreened Cat 3							
T2PI	Internal Telephone 1/0.50	2 pair	3.9	40	75	20	323/00165
T3PI	Internal Telephone 1/0.50	3 pair	4.8	50	110	27	323/00166
T6PI	Internal Telephone 1/0.50	6 pair	6.8	70	230	52	-
T10PI	Internal Telephone 1/0.50	10 pair	8.4	85	380	75	-
T25PI	Internal Telephone 1/0.50	25 pair	11.5	115	950	152	323/00167
T50PI	Internal Telephone 1/0.50	50 pair	15.8	160	1900	280	-
T100PI	Internal Telephone 1/0.50	100 pair	21.3	215	3800	540	323/00168

Std. Pack Size: T2PI & T3PI 305M and 500m Box - T6PI 500m Reel - T10PI-T100PI 500 & 1000m Drum.

ISDN/STATION M@XDN™



(Suitable for ISDN and DSL applications)

Cable description:

Internal Telephone Cable for 2 Mbit/s rate and 120 ohm @ 1 MHz.

1/0.5 PACW, Polyolefin Insulated, Twisted Pair, Aluminium/Laminate Screen with a 1/0.50mm Tinned Annealed Copper Drain Wire, LSOH Thermoplastic Sheathed, ACMA Approved. Off White Coloured Sheath.

Code	Description			OD mm	Min. Bending Radius mm	Max. Pulling Tension N	Mass kg/km
ISDN/ Station Cables							
T1PISON	ISON 1	1 pair	1/0.5 2M/Bit Primary Rate	4.5	50	40	24
T2PISON	ISON 2	2 pair	1/0.5 2M/Bit Primary Rate	4.9	60	75	31
T4PISON	ISON 4	4 pair	1/0.5 2M/Bit Primary Rate	7.2	100	150	53
T8PISON	ISON 8	8 pair	1/0.5 2M/Bit Primary Rate	8.9	130	300	82
T16PISON	ISON 16	16 pair	1/0.5 2M/Bit Primary Rate	12.2	180	600	142
T32PISON	ISON 32	32 pair	1/0.5 2M/Bit Primary Rate	16.2	235	1200	238

25 pair available on request. Larger Pair Counts available on request. Std. Pack Size: 250m Reel or Drum.

The above Internal Telephone Cables can be supplied with Low Smoke Zero Halogen Flame Retardant (LSOHFR) Sheath.

TELEPHONE EXTERNAL/CAT 3 M@XTEL®**Cable description:**

Jelly Filled Category 3.

M@XTEL EXTERNAL/Cat 3 1/0.50 PACW, Polyethylene Insulated, Twisted Pair, Unit Construction. Jelly filled, Core Wrapped, PE Sheathed. ACMA Approved.

Code	Number Of Pairs	Overall Diameter mm	Min. Bending Radius mm	Max. Pulling Tension N	Mass kg/km
L25P30J	25	11.1	110	950	170
L50P30J	50	14.9	150	1900	320
L100P30J	100	20.2	200	3800	600

TELEPHONE EXTERNAL M@XTEL®**Cable description:**

Jelly Filled.

Solid PACW, Cellular PE Insulated, Unit Twin Construction, Jelly Filled, Core wrapped, PE Sheathed. ACMA Approved.

Code	Number Of Pairs	Overall Diameter mm	Min. Bending Radius mm	Max. Pulling Tension N	Mass kg/km	Telstra Version for Approved Contractors Telstra Part No.
0.40 mm Conductor - Max Resistance 139.3 ohm/km, Max Capacitance Unbalance Pair to Pair 150pF/500m @ 800Hz						
T10P40PEJ	10	7.5	120	240	60	467/05021
T30P40PEJ	30	11.6	190	720	145	467/05023
T50P40PEJ	50	14.2	230	1200	225	467/05024
T100P40PEJ	100	19.3	310	2400	425	467/05026
0.64 mm Conductor - Max Resistance 56.4 ohm/km, Max Capacitance Unbalance Pair to Pair 150pF/500m @ 800Hz						
T10P64PEJ	10	10.2	165	600	115	-
T30P64PEJ	30	15.9	270	1800	300	-
T50P64PEJ	50	20.2	325	3100	485	-
T100P64PEJ	100	26.9	430	6200	915	-
0.90 mm Conductor - Max Resistance 27.9 ohm/km, Max Capacitance Unbalance Pair to Pair 150pF/500m @ 800Hz						
T10P90PEJ	10	13.4	220	1200	210	-
T30P90PEJ	30	21.8	350	3600	580	-
T50P90PEJ	50	27.7	450	6000	950	-
T100P90PEJ	100	36.0	580	12100	1760	-

Note:

1. Nylon jacket can be supplied as protection against ants and termites. (Code = N).
2. A Sacrificial Sheath is optional (Code = S).
3. Moisture Barrier version available (Code = M).
4. Mutual Capacitance max 49 nF/km.

TELEPHONE TELSTRA

External Telephone Cable



Cable description:

External Telephone Cable - Telstra - For Approved Contractors Only.

Telstra Serial/ Item Number	Prysmian Material Code	Material Description	Number of Pairs	kg/ km	Min Bending Diameter mm	Overall Diameter mm	Standard Pack Length mm	Stock/ MTO	Nominal Drum Dimensions mm	Max Hauling Tension N
467/05021	5412055	CABLE, TEL EXT 10/0.40 CPFUT PE	10	60	120	7.5	1000	Stock	LW1 - 600/250/480	240
467/08121	5432763	CABLE, TEL EXT 10/0.40 CPFUT PEHJC	10	65	165	8.1	1000	Stock	LW1 - 600/250/480	240
467/05023	5412116	CABLE, TEL EXT 30/0.40 CPFUT PE	30	145	190	11.7	1000	Stock	LW2 - 750/250/600	720
467/08123	5432770	CABLE, TEL EXT 30/0.40 CPFUT PEHJC	30	160	245	12.2	1000	Stock	LW2 - 750/250/600	720
467/05024	5412123	CABLE, TEL EXT 50/0.40 CPFUT PE	50	225	230	14.2	1000	Stock	LW3 - 1000/350/600	1200
467/08124	5432787	CABLE, TEL EXT 50/0.40 CPFUT PEHJC	50	240	300	14.8	1000	Stock	LW3 - 1000/350/600	1200
467/05026	5412130	CABLE, TEL EXT 100/0.40 CPFUT PE	100	425	310	19.3	1000	Stock	LW4 - 1100/400/600	2400
467/08226	5432794	CABLE, TEL EXT 100/0.40 CPFUT MBHJC	100	465	400	20.0	1000	Stock	LW4 - 1100/400/600	2400
467/09226	5441178	CABLE, TEL EXT 100/0.40 CPFUT MBHJC (AIR TUBE)	100	495	440	21.9	1000	8 weeks	STEEL - 1200/600/1000	2400
467/07028	5412222	CABLE, TEL EXT 200/0.40 CPFUT MB	200	770	380	23.8	1000	Stock	STEEL - 1200/600/1000	4800
467/09228	5442083	CABLE, TEL EXT 200/0.40 CPFUT MBHJ (AIR TUBE)	200	850	520	25.8	1000	8 weeks	STEEL - 1200/600/1000	4800
467/07328	5414721	CABLE, TEL EXT 200/0.40 CPFUT MBHJS	200	860	525	26.2	500	8 weeks	STEEL - 1200/600/1000	4800
467/07030	5412239	CABLE, TEL EXT 400/0.40 CPFUT MB	400	1480	530	32.7	500	6 weeks	STEEL - 1600/800/900	9600
467/09230	5442069	CABLE, TEL EXT 400/0.40 CPFUT MBHJ (AIR TUBE)	400	1535	690	34.4	500	8 weeks	STEEL - 1800/1000/900	9600
467/07330	5414738	CABLE, TEL EXT 400/0.40 CPFUT MBHJS	400	1595	705	35.1	500	8 weeks	STEEL - 1800/1000/900	9600
467/07032	5412253	CABLE, TEL EXT 800/0.40 CPFUT MB	800	2915	750	46.6	100	6 weeks	STEEL - 2400/1400/1000	19200
467/07332	5414745	CABLE, TEL EXT 800/0.40 CPFUT MBHJS	800	3100	985	49.1	100	8 weeks	STEEL - 1800/1000/900	19200

COMMUNICATION CABLES

Telstra Serial/ Item Number	Prysmian Material Code	Material Description	Number of Pairs	kg/ km	Min Bending Diameter mm	Overall Diameter mm	Standard Pack Length mm	Stock/ MTO	Nominal Drum Dimensions mm	Max Hauling Tension N
467/08241	5432800	CABLE, TEL EXT 10/0.64 CPFUT MBHJC	10	145	230	11.4	1000	Stock	LW2 - 750/250/600	600
467/08243	5432817	CABLE, TEL EXT 30/0.64 CPFUT MBHJC	30	340	340	17.1	1000	Stock	LW3 - 1000/350/600	1800
467/08244	5432824	CABLE, TEL EXT 50/0.64 CPFUT MBHJC	50	540	430	21.4	1000	Stock	LW5 - 1250/450/600	3000
467/08246	5432831	CABLE, TEL EXT 100/0.64 CPFUT MBHJC	100	980	575	28.7	1000	Stock	STEEL - 1600/800/900	6100
467/09246	5442106	CABLE, TEL EXT 100/0.64 CPFUT MBHJC (AIR TUBE)	100	1006	600	29.9	1000	8 weeks	STEEL - 1600/800/900	6100
467/07048	5414813	CABLE, TEL EXT 200/0.64 CPFUT MB	200	1760	580	35.7	500	6 weeks	STEEL - 1800/1000/900	12200
467/09248	5442113	CABLE, TEL EXT 200/0.64 CPFUT MBHJ (AIR TUBE)	200	1825	750	37.4	1000	8 weeks	STEEL - 2000/1200/1000	12200
467/07348	5414882	CABLE, TEL EXT 200/0.64 CPFUT MBHJSJ	200	1885	760	38.1	500	8 weeks	STEEL - 2000/1200/1000	12200
467/07050	5414820	CABLE, TEL EXT 400/0.64 CPFUT MB	400	3520	830	51.4	500	6 weeks	STEEL - 2400/1200/1000	24500
467/09250	5442076	CABLE, TEL EXT 400/0.64 CPFUT MBHJ (AIR TUBE)	400	3615	1060	53.0	500	8 weeks	STEEL - 2400/1200/1000	24500
467/07350	5414899	CABLE, TEL EXT 400/0.64 CPFUT MBHJSJ	400	3715	1080	54.0	500	8 weeks	STEEL - 2400/1200/1000	24500
467/08261	5432848	CABLE, TEL EXT 10/0.90 CPFUT MBHJC	10	245	290	14.5	1000	Stock	LW3 - 1000/350/600	1200
467/08263	5432855	CABLE, TEL EXT 30/0.90 CPFUT MBHJC	30	640	460	22.9	500	6 weeks	STEEL - 1200/600/1000	3600
467/08264	5414943	CABLE, TEL EXT 50/0.90 CPFUT MBHJC	50	1025	580	29.0	500	6 weeks	STEEL - 1600/800/900	6000
467/08266	5414950	CABLE, TEL EXT 100/0.90 CPFUT MBHJC	100	1885	760	37.9	500	6 weeks	STEEL - 2000/1200/1000	12000

TELEPHONE AERIAL IB

Aerial IB - Integral Bearer Wire - Dry Core.



Cable description:

Solid PACW, Solid PE Insulated, Unit TwIn Construction, Core wrapped, Al/ Laminate Tape Screened plus Drain Wire, PE Sheathed, Integral Bearer Construction with High Tensile Galvanised Steel Bearer Wire. ACMA Approved. Black UV Stabilised Sheath.

Code	Number Of Pairs	Bearer Wire No./mm	Overall Diameter* mm	Min. Bending Radius mm	Max. Pulling** Tension N	Mass kg/km	Telstra Version for Approved Contractors Telstra Part No.
0.40 mm Conductor - Max Resistance 139 ohm/km, Max Capacitance Unbalance Pair to Pair 150pF/500m @ 800Hz							
T10P40IB	10 Quad	1/2.50	7.8	160	2000	115	465/05221
T50P40IB	50	1/2.50	13.9	280	2000	260	465/05224
T100P40IB	100	7/1.25	19.7	400	3500	510	465/05226
0.64 mm Conductor - Max Resistance 56.4 ohm/km, Max Capacitance Unbalance Pair to Pair 120pF/1000m @ 800Hz							
T10P64IB	10	1/2.50	10.4	210	2000	165	465/05241
T30P64IB	30	7/1.25	16.7	340	3500	390	465/05243
T50P64IB	50	7/1.25	21.0	420	3500	570	465/05244
T100P64IB	100	7/1.60	29.2	580	5800	1080	465/05246
0.90 mm Conductor - Max Resistance 27.9 ohm/km, Max Capacitance Unbalance Pair to Pair 150pF/500m @ 800Hz							
T10P90IB	10	1/2.50	12.0	240	2000	240	-
T30P90IB	30	7/1.25	20.6	420	3500	650	-
T50P90IB	50	7/1.60	27.8	560	5800	1050	-
T100P90IB	100	7/1.60	38.4	770	9000	1970	-

Note:

*O/D measured over sheath excluding bearer wire. Mutual Capacitance max 52 nF/km.

**Tensile applied to the bearer wire.

COMMUNICATION CABLES

TELEPHONE LEAD IN U/G M@XTEL®

Lead In Cables - Underground.



Cable description:

Solid PACW, Solid PE Insulated, PE Sheathed. Available with an optional Nylon Termite Resistant Jacket. ACMA Approved.

Telstra Serial/ Item Number	Prismian Material Code	Material Description	Number of Pairs	kg/km	Min Bending Diameter mm	Overall Diameter mm	Standard Pack Length mm	Stock Vs MTO	Nominal Drum Dimensions mm	Max Hauling Tension N
490/05023	5414776	CABLE, TEL LEAD-IN 2/0.40 PEIFLI PE	2	18.5	80	4.6	500	Stock	REELEX - 415/415/225 (MAGENTA)	50
490/08123	5432879	CABLE, TEL LEAD-IN 2/0.40 PEIFLI PEHJC	2	20	100	4.7	500	Stock	1/2 REEL (338/102/230), CRTN (340/340/245)	50
490/05741	5414790	CABLE, TEL LEAD-IN 2/0.64 PEIFLI PEIB	2	38	100	4.4	500	Stock	1/2 REEL (338/102/230), CRTN (340/340/245)	1000
490/08142	5432886	CABLE, TEL LEAD-IN 2/0.64MM CPFLI PEHJC	2	37	100	6.3	500	Stock	1/2 REEL (422/102/306), CRTN (435/435/320)	120
490/05024	5407211	CABLE, TEL LEAD-IN 5/0.40 PEIFLI PE	5	29	100	5.2	500	Stock	REELEX - 415/415/225 (MAGENTA)	120
490/08124	5432916	CABLE, TEL LEAD-IN 5/0.40 PEIFLI PEHJC	5	34	100	5.8	500	Stock	1/2 REEL (422/102/306), CRTN (435/435/320)	120

CONNECTING WIRE



Jumper Wire

Solid PACW, PVC Insulated, Max Resist 94.5, Capacitance Unbalance max 300/500m @ 800Hz.

Code	Description	Number Of Wires	Overall Diameter mm	No./Dia. Wire mm	Max. Pulling Tension N	Mass kg/km	Telstra Version For Approved Contractors Telstra Part No.
CJMP2RDWH	Red-White	2 PACW	1.8	1/0.50	38	4.5	003/00250
CJMP2GRWH	Green-White	2 PACW	1.8	1/0.50	38	4.5	003/00249