

M E S C
 Middle East Specialized Cable Co.
Telephone Cable, Shielded
Specification: EIA/TIA 568-C-2



CONSTRUCTION:

Conductor	Solid annealed plain copper to ASTM B3.
Insulation	Solid Polyethylene.
Conductor Identification	Insulated conductors shall be fully colour coded in accordance with Table below IEC 60708-1.
Cable core	The insulated conductors are twisted into pairs and the pairs are stranded to form the core in concentric layer or stranded into units and then units are cabled to form the cable core.
Core Wrapping & Group Shielding.	A non-hygroscopic dielectric tape shall be applied longitudinally or helically with an overlap. A 0.025 mm aluminium/polyester backed tape with a min. 25% overlap for 100% coverage with tinned copper drain wire
Jacket	Extruded Black colour Flame Retardant PVC is applied over the collective screen.
Printing text	TELEPHONE CABLE CU/PE/PVC SHIELDED 2PX0.5MM MESC YEAR METER MARKING

Conductor Resistance	Ohm/Km	Max.	54.5 (0.65mm)
Mutual Capacitance at 1000 Hz	nF/Km	Max. / Nom.	115 / 52
Insulation Resistance (each conductor)	MOhm-Km	Min.	5000
Impedance	ohm	-	100±15
Dielectric Strength			1500 V _{dc} for 60 seconds

S/NO.	MESC CODE	No. of Pairs (P)	No. x Size (N x mm)	Outer Jacket Thickness (mm)	Approx. Overall Diameter (mm)	Approx. weight (kg/km)
	3262-04P00050-U0GY8-00	4	1 x 0.50	0.58	5.8	41
	3262-06P00050-U0GY8-00	6	1 x 0.50	0.58	6.7	55
	3262-12P00050-U0GY8-00	12	1 x 0.50	0.58	8.8	93
	3262-20P00050-U0GY8-00	20	1 x 0.50	0.58	11.2	142
	3262-25P00050-U0GY8-00	25	1 x 0.50	0.58	12.4	173
	3262-50P00050-U0GY8-00	50	1 x 0.50	0.81	17.3	336
	3262-75P00050-U0GY8-00	75	1 x 0.50	1.14	21.5	520
	3262-100P0050-U0GY8-00	100	1 x 0.50	1.14	24.4	668
	3262-150P0050-U0GY8-00	150	1 x 0.50	1.14	29.2	953
	3262-200P0050-U0GY8-00	200	1 x 0.50	1.14	33.2	1227
	3262-01P00065-U0GY8-00	1	1 x 0.65	0.58	4.2	24.9
	3262-02P00065-U0GY8-00	2	1 x 0.65	0.58	5.3	37.0
	3262-04P00065-U0GY8-00	4	1 x 0.65	0.58	6.9	59.3
	3262-05P00065-U0GY8-00	5	1 x 0.65	0.58	7.5	70.0
	3262-06P00065-U0GY8-00	6	1 x 0.65	0.58	8.1	81.0
	3262-09P00065-U0GY8-00	9	1 x 0.65	0.69	9.8	117
	3262-10P00065-U0GY8-00	10	1 x 0.65	0.69	10.2	126
	3262-12P00065-U0GY8-00	12	1 x 0.65	0.81	11.3	154
	3262-25P00065-U0BK8-00	25	1 x 0.65	0.81	15.3	280
	3262-50P00065-U0BK8-00	50	1 x 0.65	1.14	21.5	551
	3262-100P0065-U0BK8-00	100	1 x 0.65	1.20	29.4	1026
	3262-200P0065-U0BK8-00	200	1 x 0.65	2.00	42.1	2106
	3262-500P0065-U0BK8-00	500	1 x 0.65	2.40	64.7	4956

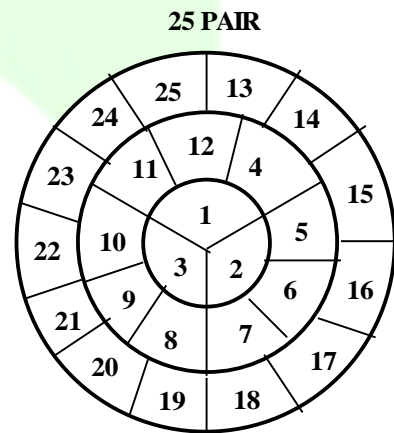
M E S C

APPENDIX A
 COLOUR CODE - IEC60708-1
 TELEPHONE CABLE

PAIR NO	COLOUR OF INSULATION		sub unit number	
	a wire	b wire	x	binder colour
1	white	blue	1	blue
2	white	orange	2	orange
3	white	green	3	green
4	white	brown	4	brown
5	white	grey	5	grey
6	red	blue	6	white
7	red	orange	7	red
8	red	green	8	black
9	red	brown	9	yellow
10	red	grey	10	violet

IEC 60708-1 APPENDIX C

PAIR #	Color of Insulation		Lay length	Lay direction
	Conductor 1	Conductor 2		
1	WHITE	BLUE	70	L.H.
2	WHITE	ORANGE	80	L.H.
3	WHITE	GREEN	90	L.H.
4	WHITE	BROWN	100	L.H.
5	WHITE	GREY	110	L.H.
6	RED	BLUE	70	L.H.
7	RED	ORANGE	80	L.H.
8	RED	GREEN	90	L.H.
9	RED	BROWN	100	L.H.
10	RED	GREY	110	L.H.
11	BLACK	BLUE	70	L.H.
12	BLACK	ORANGE	80	L.H.
13	BLACK	GREEN	90	L.H.
14	BLACK	BROWN	100	L.H.
15	BLACK	GREY	110	L.H.
16	YELLOW	BLUE	70	L.H.
17	YELLOW	ORANGE	80	L.H.
18	YELLOW	GREEN	90	L.H.
19	YELLOW	BROWN	100	L.H.
20	YELLOW	GREY	110	L.H.
21	VIOLET	BLUE	70	L.H.
22	VIOLET	ORANGE	80	L.H.
23	VIOLET	GREEN	90	L.H.
24	VIOLET	BROWN	100	L.H.
25	VIOLET	GREY	110	L.H.



50 PAIRS

