

DATA & COMMUNICATION CABLE

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Overall Screen 0.8mm² (DMF)

Data Grade Polyethylene insulated

Applications

Data Communication, HVAC Controls and Building Management Cable

Product Specifications

Construction:

Conductor: Tinned Annealed Copper to AS/NZS1125

Insulation: Data Grade Polyethylene

Screen: Aluminium Screen with a 7/0.2 Tinned copper drain wire

Sheath: Coloured 4V75 PVC to AS/NZS3808

Core Identification

1. Black, 2. White, 3. Red, 4. Blue



Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
DMF2704	2	0.8	7/0.4	22.7	4.9
DMF3704	3	0.8	7/0.4	22.7	5.3
DMF4704	4	0.8	7/0.4	22.7	5.9

Overall Screen (DMF DQQ)

8723 / 8760 / 8761 / 8770 Equivalent

Data Grade Polyethylene Insulated

Applications

Data Communication, Industrial Equipment Control.

Product Specifications

Construction:

Conductor: Tinned Annealed Copper to AS/NZS1125

Insulation: Data Grade Polyethylene

Screen: Aluminium Screen with a 7/0.2 Tinned copper drain wire

Sheath: Coloured 4V75 PVC to AS/NZS3808

Relevant Standard: AUSTEL CCL 95/CA/0053

Core Identification

1. Black, 2. Red, 3. White, 4. Green



Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD	Wires to Wire (pF/m)	Conductor to Screen (pF/m)
DMF27025	2	0.34	7/0.25	55.9	4.6	79	154
DMF216025	2	0.85	16/0.25	22.7	6.1	79	144
DMF316025	3	0.85	16/0.25	22.7	6.5	79	157
Belden 8723 Equivalent and Composite						Impedance (Ω)	Capacitance (Ω)
DQQ47025	4	0.34	7/0.25	57.4	4.4	79	154
DQQ47067	4	0.34	7/0.25	57.4	5.4 x 9.2	79	144
	1	2.5	7/0.67	7.4		79	154

Screened 0.22mm² / 0.44mm² Data Cable - Cores (DMC & DMS)

V75 PVC insulated RS232

Applications

Data Communication, Interface Cable.

Product Specifications

Construction:

Conductor: Class 5 stranded copper to AS1125

Also Available in Tinned Copper

Insulation: Coloured V75 PVC to AS/NZS 3808

Screen: Aluminium Screen with a 7/0.2 Tinned copper drain wire

Sheath: Coloured 4V75 PVC to AS/NZS3808

Relevant Standard: AUSTEL A93/CA/0123



Core Identification

1. Red	6. Black	11. Tan	16. White/Red	21. Blue/Black
2. Blue	7. Brown	12. Grey	17. Red/Black	22. Orange/Blue
3. Green	8. Violet	13. Red/Blue	18. Red/Tan	23. Blue/Green
4. Yellow	9. Orange	14. Red/Green	19. Yellow/Blue	24. Grey/Blue
5. White	10. Pink	15. Yellow/Red	20. White/Blue	25. Yellow/Green

Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Amp Rating @ 30°C	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD	Nominal Wire to Wire Capacitance (pF/m)
DMC4702	4	0.22	7/0.2	1.4	89.5	4.55	90
DMC6702	6	0.22	7/0.2	1.4	89.5	5.4	90
DMC8702	8	0.22	7/0.2	1.4	89.5	5.6	90
DMC12702	12	0.22	7/0.2	1.4	89.5	6.6	90
DMC18702	18	0.22	7/0.2	1.4	89.5	7.6	90
DMC25702	25	0.22	7/0.2	1.4	89.5	8.8	90
DMC41402	4	0.44	14/0.2	2.8	89.5	5.3	100
DMC71402	7	0.44	14/0.2	2.8	89.5	6.2	100

For Tinned Conductor use Code Prefix DMS

#allyourcablesorted

Screened 0.22mm² Data Cable – Pairs (DPF)

Data Grade Polypropylene insulated RS422

Applications

Data Communication, Balanced Mode, Low Capacitance.

Product Specifications

Construction:

Conductor: Tinned Annealed Copper to AS/NZS1125

Insulation: Coloured V75 PVC to AS/NZS 3808

Screen: Aluminium Screen with a 7/0.2 Tinned copper drain wire

Sheath: Coloured 4V75 PVC to AS/NZS3808

Relevant Standard: AUSTEL A93/CA/0111



Core Identification

Pair 1: White/Blue & Blue	Pair 5: White/Grey & Grey	Pair 9: Red/Tan & Brown
Pair 2: White/Orange & Orange	Pair 6: Red/Blue & Blue	Pair 10: Red/Grey & Grey
Pair 3: White/Green & Green	Pair 7: Red/Orange & Orange	Pair 11: Black/Light Blue & Blue
Pair 4: White/Brown & Brown	Pair 8: Red/Green & Green	Pair 12: Black/Orange & Orange

Core colours for 18 Pair and 25 Pair available upon request

Code	No. of Pairs	Nominal Area (mm ²)	Strand No. / Size	Amp Rating @ 30°C	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD	Wires of a Pair Capacitance (pF/m)
DPF2702	1	0.22	7/0.2	1.4	90.9	4.2	50
DPF4702	2	0.22	7/0.2	1.4	90.9	5.8	50
DPF6702	3	0.22	7/0.2	1.4	90.9	6.2	50
DPF8702	4	0.22	7/0.2	1.4	90.9	6.6	50
DPF12702	6	0.22	7/0.2	1.4	90.9	7.7	50
DPF16702	8	0.22	7/0.2	1.4	90.9	8.5	50
DPF20702	10	0.22	7/0.2	1.4	90.9	9.4	50
DPF24702	12	0.22	7/0.2	1.4	90.9	10	50
DPF36702	18	0.22	7/0.2	1.4	90.9	12	50
DPF50702	25	0.22	7/0.2	1.4	90.9	13.3	50
LSZH Screened and Braided							
DCX27020	2	0.22	7/0.2	1.4	85	6.55	48
DCX47020	4	0.22	7/0.2	1.4	94.2	8.6	42

Telephone Cable (TFX)

High-density Polyethylene Insulated

Applications

Telecommunications

Product Specifications

Construction:

Conductor: Plain Annealed Copper to AS/NZS1125

Drawn from Class 110A Copper AS/NZS1574

Insulation: Coloured High-density polyethylene Insulation

Sheath: Low-density polyethylene

Relevant Standard: AS/NZS1574, AS3808,

Core Configuration: Pair 1. White & Blue, Pair 2. Red & Black



Code	Pairs	Nominal Area (mm ²)	Strand No. / Size	Capacitance Between Wires of Pairs (nF/Km)	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
TFX41063	2	0.63	1/0.63	43.8	57	6

Lan Cables (DPA, DPZ, DPAS, DPXA)

HDPE Insulated UTP, FTP, STP and External rated

Applications

CCTV, Network Solutions, Access Control, Data Transmission.

Product Specifications

Construction:

Conductor: Plain Annealed Copper to AS1125

Drawn from Class 110A Copper AS/NZS1574

Insulation: Coloured HDPE Insulation

Sheath: CAT6 Coloured V75 PVC to AS/NZS3808

CAT5 – Coloured V75 PVC to AS/NZS3808

CAT6A Shielded – Coloured V75 PVC to AS/NZS3808

CAT6 Exterior and Screened – LDPE Sheath

Relevant Standard: AS/NZS1125, AS/NZS1574, AS/NZS3808

Available Colours :

Red ● White ○ Grey ● Yellow ●
Violet ● Black ● Blue ● Green ●



Code	No of Pairs	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance @ 20°C (Ω/100 KM)	Nominal OD
CAT6					
DPA81051	4	0.5	1/0.55	9.5	6.2
CAT6A Shielded					
DPXA81051	4	0.5	1/0.55	7.2	7.5
CAT6 External					
DPA81051EXT	4	0.5	1/0.55	9.5	7.5
CAT6 External Screened					
DPAS81051	4	0.5	1/0.55	9.38	7.4
CAT5					
DPZ81051	4	0.21	1/0.21	10	4.9

Coaxial and CCTV Cable (CCE, CCF)

Low-density Polyethylene Insulation

Applications

CCTV, Signal cable.

Product Specifications

Construction:

Conductor: Plain Annealed Copper to AS/NZS1125

Drawn from Class 102 Oxygen Free copper to AS/NZS1574

Insulation: RG Signal cable: Low-density Polyethylene

Twin Power Cable: Coloured V75 PVC

RG Coaxial Screen: Plain Annealed Copper Braid (min 94% coverage)

Sheath: Coloured 4V75 PVC to AS/NZS3808

Relevant Standard: AS/NZS1125, AS/NZS1574, AS/NZS3808



Code	Description	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
CCE11057	RG59	0.58	1/0.58		6.15
CCE59224	RG59	0.58	1/0.58		10.2
CCE59275	+ 2 core Round	0.75	24/0.2	26	12.6 x 7.8
	RG59	0.58	1/0.58		
CCF119018	+ 2 core Diamond	0.75	24/0.2	26	4.95
	RG58	0.9	19/0.18		
Cat5/Cat6 Composite					
CCE52024	4 Pair Data	0.51	1/0.51		10.5
	+ 2 Power	0.75	24/0.2	26	

Electrical Characteristics	RG59	RG58
Typical Impedance:	75 ohms	50 ohms
Typical Capacitance at 1Khz:	67 pF/m	101 pF/m
Velocity of Propagation ratio:	66%	66%
Attenuation at 200MHz (typical):	16.1dB	