


# DMX Cable / OFC Line Cable / Ethernet Cable

## DMX Cable

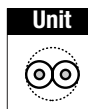
Bend resistant design makes the DMX ideal for use as a stage lighting control cable. Cable conforms to DMX 512 standards.

Type	Model	Sales units	Nom. O.D	Weight	No. of cond.	Unit composition			Cond. D.C.R.	Characteristic impedance	
						Cross sec area (AWG) and cond. comp.		Twist pitch			Twist O.D.
						mm <sup>2</sup> /(AWG) Q'ty/mm	mm	mm			Ω/100m
 Jacket color: black	DMX203-2P	100 200 500	7.9	7.9	4	0.35(22) 44/0.10TA	25	3.3	6.0	110	


### DMX203-2P

- A total of 44 strands of tinned annealed copper wire used for the conductor enhance bend resistant characteristics.
- The Neutrick Connectors (NC5FX-B and NC5MX-B) are the perfect match.

- Assembled cable with connectors (DMC\*\* -B) are also available (see page 66).



## OFC Line Cables

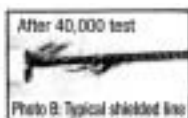
Type	Model	Sales units	Nom. O.D	Weight	Inner cond.		Insulation	Outer conductors	Electrical characteristics		
					Cross sec area (AWG) and cond. comp.		Nom. O.D	Shield construction and coverage	Chan. D.C.R.	Shield. D.C.R.	Nom. cap. *
					mm <sup>2</sup> /(AWG) Q'ty/mm	mm	mm	mm/ends/carriers	Ω/100m	Ω/100m	pF/m
 GS-6 Jacket color for GS-4: black GS-6: red, orange, yellow, green, blue, black	GS-4	200	4.0	2.7	0.39(22) 50/0.1(OFC)	0.82	1.82	Carbon plastic shield +0.1 (OFC)/6/16 93% or more	4.8	3.2	—
	GS-6	100 200	5.8	5.0	1.0(18) 127/0.1(OFC)	1.3	3.0	Carbon plastic shield +0.1 (OFC)/8/16 92% or more	1.8	2.5	160

Insulation: polyethylene Jacket: PVC Dielectric strength: 500V AC/min.

\*Capacitance between conductor to shield.

### GS-4, GS-6

- Outer conductor of fine 0.1mmØ OFC strands provide a highly flexible braided configuration. (See photographs A and B)



\* Note:  
The GS-4 and GS-6 have a layer of carbon plastic shield underneath the braided shield (see Fig. 1) to block out noise. Shorting will result if this shield contacts the center conductor line, so special care must be taken when connecting the cable.

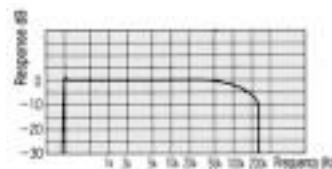
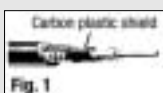


Fig. 2 Frequency Characteristics for GS-6 (100m, 100Ω → 1MΩ load)

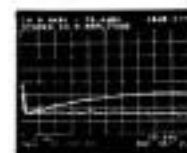




Fig. 3 Static Noise Characteristics for GS-6 (5m)

- Center conductor with 127 fine 0.1mmØ strands (50 for GS-4) increases durability.

## Ethernet Cable

Twisted-pair cables for 10BASE-T and 100BASE-TX Ethernet PC Network Standards

Type	Cross-section view	Model	Sales units	Nom. O.D	Weight	Unit composition			Electrical characteristics				Characteristic impedance	Attenuation	
						Cross sec area (AWG) and cond. comp.		Twist pitch	Unit O.D.	Cond. D.C.R.	Shield D.C.R.	Nom. cap.*			Nom. cap.**
						mm <sup>2</sup> /(AWG) Q'ty/mm	mm	mm	mm	mm	mm	mm			mm
 Jacket color: blue, orange, white		RJC5E-4P	300	5.3	3	0.20(24) 1/0.51A	—	1.9	9.7	—	—	—	100	—	

\*Capacitance between conductors \*\*Capacitance between conductors to shield. Jacket colors other than sky-blue are custom models. Please ask us for ordering lot.

- Compatible with Enhanced Category 5 Networking.
- Convenient figure-8 coil (REELEX\* coil) cardboard cable dispenser.

\*REELEX is the registered trademark of Windings Corporation.

- Cable jacket marked every meter for easy cutting at desired cable length.
- Assembled cable with connectors (PCRJE\*\*) are also available (See page 66).