



SPECIFICATIONS

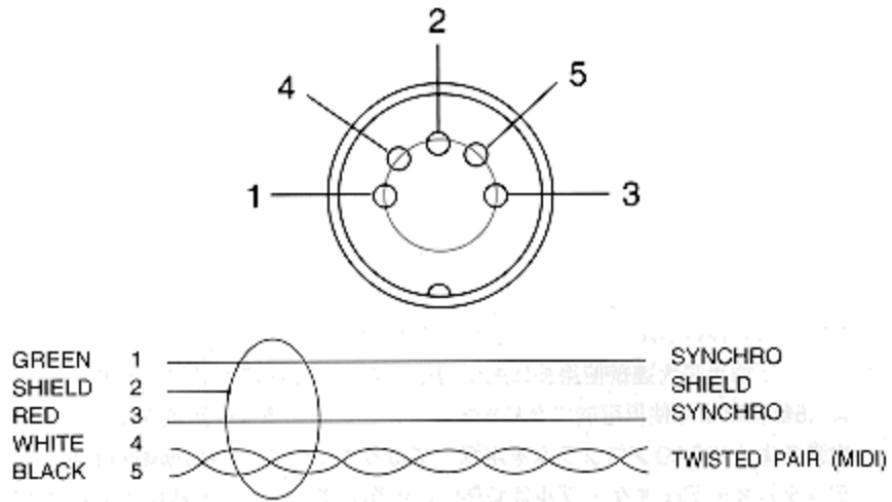
Configuration		
Cable Part No.	W2948	W3033
Conductor	30/0.08A (30×#40) 0.15mm ² (#26AWG)	
Insulation	1.2Ø (0.047"Ø) PVC (BLACK/WHITE/RED/GREEN)	
Shield	98/0.12A (98×#37) Served Shield	
Jacket	5.0Ø (0.197"Ø) Flexible PVC (BLACK)	
Weight	8.6kg/200m	15kg/200m
PLUG		
Pins	0.76µ gold or silver plated brass	
Shield	Nickel Plated Brass	
Insulation	Polyacetal Resin	
Molding	Flexible PVC (Two Stage Molding) (BLACK)	

ELECTRICAL & MECHANICAL CHARACTERISTICS

DC Resistance (20°C)	Inner Cond.: 0.12Ω/m(0.037Ω/Ft) Shield: 0.02Ω/m(0.006Ω/Ft)
Capacitance (1kHz, 20°C)	Between Twisted Pair: 99 pF/m (30 pF/Ft) Between Shield and one of Twisted Pair: 182 pF/m (56 pF/Ft) Between Shield and Synchro Conductor: 180 pF/m (55 pF/Ft) Between One of Twisted Pair and Synchro Conductor: 91 pF/m (28 pF/Ft)
Pitch of Twisted Pair	Approx. 30mm (1.18")
Electromagnetic Noise*	0.02~0.06mV
Voltage Breakdown	Must withstand at DC 500V/15sec.
Insulation Resistance (DC 125V, 20°C)	10000 MΩ × m Min.
Tensile Strength (At Cable-Connector Joint)	480 N Min.
Flex Life* : At the connector strain relief : Cable itself (200gr, Bend radius of the cable stopper : 12.7mm)	45,000 Cycles 6,700 Cycles
Emigration	Non-emigrant to ABS resin

WIRING DIAGRAM:

The MIDI signal is transmitted via a twisted pair (black and white) and wired to pins 4 & 5.



NOTE: Transmission lag in MIDI systems is mainly caused by the speed of the photocoupler and the rise time of the driver rather than the transmission characteristics of the cable.

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