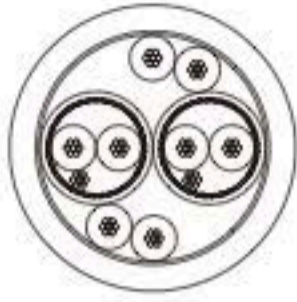


SPECIFICATIONS

Configuration			
Part No.		2997	
No. of Conductor		2 x BALANCED CORE 4 x SIGNAL CONDUCTOR	
Conductor	Details	7/0.18A(7 x #33AWG)	
	Size(mm ²)	0.178mm ² (#25AWG) (The same size in all conductor)	
Insulation	Ov. Dia. (mm)	1.05φ(0.0413")	1.2φ(0.0472")
	Material	XLPE	PVC
	Colours	Brown/Clear Red/Clear	Brown/Red Orange/Yellow
Drain Wire	Details	7/0.18TA(7x#33AWG)	
	Size(mm ²)	0.178mm ² (#25AWG)	
Served Shield		Approx.65/0.10A (Approx.65x#38AWG)	
Core Jacket	Ov. Dia. (mm)	2.7φ(0.106")	
	Material	PVC	
	Colours	Black (with number print)	
Binder	Thickness	0.025mm (0.001")	
	Material	Paper Tape	
Ov. Jacket	Ov. Dia. (mm)	7.0φ Max. (0.276" Max.)	
	Material	Flexible PVC	
	Colour	Black	
Roll Sizes		153 m (500Ft) 305m (1.000Ft)	
Weight		9.6Kg/153m (500Ft) Roll	

ELECTRICAL & MECHANICAL CHARACTERISTICS

Part No.		2997
DC Resistance at 20°C	Inner Conductor	0.105Ω/m(0.032Ω/Ft)
	Shield Conductor	0.028Ω/m(0.0085Ω/Ft)
Capacitance at 1kHz, 20°C (effective capacitance value between inner twin)		65pF/m(19.8 pF/Ft)
Characteristic Impedance		95Ω±10%
Attenuation(1MHz)		0.031dB/m (0.0095dB/Ft)
Phase Constant(1MHz)		0.043rad/m
Electromagnetic Noise At 10kHz		0.5mV Max.
Voltage Breakdown		Must withstand at DC 500V/15sec.
Insulation Resistance		10 ⁴ MΩ · m Min. at DC 500V , 20°C
Tensile Strength (26°C,65%RH)		705 N
Emigration		Non-Emigrant to ABS resin
Applicable Temperature		-20°C~+70°C (-4°F~+158°F)
Standard		EIA RS-422

Option : FERRITE CORE is available to eliminate EMI noise.

