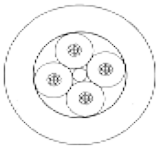


SPECIFICATIONS

Configuration				
Part No.			W2534	W2893
No. of Conductor			4(Quad)	
Conductor	Details		20/0.12 OFC	30/0.08 OFC
	Size(mm ²)		0.226mm ² (#24 AWG)	0.15mm ² (#26 AWG)
Insulation	Ov. Dia.(mm)		1.6Ø (0.063")	1.0Ø (0.039")
	Material		XLCPE (Cross-Linked Polyethylene)	
	Colors		Blue / Clear (Quad)	Black / Red / Blue / Clear
Served Shield			Approx. 64/0.18A	Approx. 73/0.12A
Jacket	Ov. Dia.(mm)		6.0Ø (0.236")	4.8Ø (0.189")
	Material		Flexible PVC	Flexible PVC
	Colors		10 colours available	5 colours available
Roll Sizes			50m (164 Ft)	50m (164 Ft)
			100m (328Ft)	100m (328Ft)
			200m (656Ft)	200m (656Ft)
Weight per 200m Roll			11kg	7.5kg

ELECTRICAL & MECHANICAL CHARACTERISTICS

Part No.			W2534	W2893
DC Resistance at 20°C	Inner Cond.		0.083Ω/m(0.025Ω/Ft)	0.13Ω/m(0.040Ω/Ft)
	Shield		0.012Ω/m(0.0037Ω/Ft)	0.025Ω/m(0.0076Ω/Ft)
Capacitance at 1kHz, 20°C (Partial C. Value) See below figure*	K ₀		65pF/m(20pF/Ft)	74pF/m(23pF/Ft)
	K ₁		13pF/m(4pF/Ft)	11pF/m(3.4pF/Ft)
	K ₂		4pF/m(1.2pF/Ft)	3pF/m(0.9pF/Ft)
	Balanced	Cond.-Cond.	97pF/m(29.6pF/Ft)	131pF/m(40pF/Ft)
	Quad			
	Connection	Cond.-Shield	110pF/m(33.6pF/Ft)	178pF/m(54pF/Ft)
Inductance between conductors at 1kHz. 20°C			0.4μH/m(0.12μH/Ft)	0.5μH/m(0.15μH/Ft)
Electrostatic Noise**			50mV Max.	50mV Max.
Electromagnetic Noise**			0.15mV Max.	0.15mV Max.
Microphonics at 50KΩ/ Load**			430m V Max.	30m V Max.
Voltage Breakdown			Must withstand at DC 500V/15sec.	
Insulation Resistance			100000 M Ω/ × m Min. at DC 125V, 20°C	
Flex Life**			11,000 cycles	26,000 cycles
Tensile Strength			686N	500N
Emigration			Non-emigrant to ABS	Non-emigrant to ABS
Applicable Temperature			-20°C~ +70°C(-4°F~ +158°F)	

* Partial Capacitance

** Using standard testing methods of Mogami Wire & Cable Corp.

