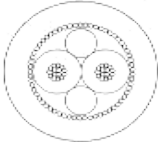
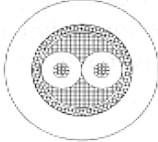


SPECIFICATIONS

Configuration			
Part No.		W2549	W2791
No. of Conductor		2	
Conductor	Details	30/0.12 OFC	105/0.05 A
	Size(mm²)	0.339mm² (#22 AWG)	0.206mm² (#24 AWG)
Insulation	Ov. Dia.(mm)	1.9Ø (0.075")	1.5Ø (0.059")
	Material	XLPE (Cross-Linked Polyethylene)	
	Colors	Blue / Clear	Red / Clear
Shield		Served Approx. 64/0.18A	Braid 0.10A/9/16
Jacket	Ov. Dia.(mm)	6.0Ø (0.236")	5.5Ø (0.217")
	Material	Flexible PVC	Flexible PVC
	Colors	Black / Red / Yellow / Green / Blue	Black / Red / Yellow / Green / Blue
Roll Sizes		50m (164 Ft)	50m (164 Ft)
		100m (328Ft)	100m (328Ft)
		200m (656Ft)	200m (656Ft)
Weight per 200m Roll		11kg	9kg

ELECTRICAL & MECHANICAL CHARACTERISTICS

Part No.		W2549	W2791
DC Resistance at 20°C	Inner Cond.	0.058Ω/m(0.018Ω/Ft)	0.09Ω/m(0.027Ω/Ft)
	Shield	0.013Ω/m(0.004Ω/Ft)	0.002Ω/m(0.006Ω/Ft)
Capacitance at 1kHz, 20°C (Partial C. Value) See below figure*	K ₀	76pF/m(23pF/Ft)	86pF/m(26pF/Ft)
	K ₁	11pF/m(3.4pF/Ft)	10pF/m(3.1pF/Ft)
Inductance between conductors at 1kHz. 20°C		0.8μH/m(0.24μH/Ft)	0.8μH/m(0.24μH/Ft)
Electrostatic Noise**		50mV Max.	250mV Max.
Electromagnetic Noise**		0.15mV Max.	0.15mV Max.
Microphonics at 50KΩ Load**		30m V Max.	30m V Max.
Voltage Breakdown		Must withstand at DC 125V/15sec.	
Insulation Resistance		100000 M Ω × m Min. at DC 125V, 20°C	
Flex Life**		14,500 cycles	164,000 cycles
Tensile Strength		657N	578N
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.

