

ULTRAFLEXIBLE MINIATURE CABLES

□ #28AWG SERIES

SPECIFICATIONS

Common Construction	Conductor		Insulation	
	Details	Size (mm ²)	Ov. Dia.(mm)	Material
	17/0.08A	0.0854mm ² (#28AWG)	0.83φ(0.0327")	Flexible PVC

Part No	Nos. of Conductor	Filler	Shield Served Shield	Jacket		Colour	Roll Size	Weight
				Ov. Dia.(mm)	Material			
2943	1	-	Approx. 34/0.08A	1.5φ(0.0591")	Flexible PVC	Black	305m (1,000Ft)	1.37kg
2794	2	-	Approx. 57/0.08A	2.3φ(0.0906")		Black		2.55kg
2790	3	-	Approx. 70/0.08A	2.45φ(0.0965")		Black		3.25kg
2929	4	Polypropylene	Approx. 80/0.08A	2.7φ(0.1063")		Black		4.0kg

Exception: Ov. Dia. of conductor insulation of Part No.2943 is 0.85 φ (0.0355") .

ELECTRICAL & MECHANICAL CHARACTERISTICS

Part No.	DC Resistance at 20°C		Flex Life (cycles)
	Inner Conductor	Shield Conductor	
2943	0.22 Ω/m (0.0671Ω/Ft)	0.11Ω/m (0.0336Ω/Ft)	36,000
2794		0.07 Ω/m (0.0214Ω/Ft)	16,000
2790		0.054Ω/m (0.0165Ω/Ft)	28,000
2929		0.047Ω/m (0.0143Ω/Ft)	21,000

COMMON CHARACTERISTICS

Voltage Breakdown	Must Withstand at DC 250V/15sec.
Insulation Resistance	10 ³ MΩ · m Min. at DC 250V, 20°C
Tensile Strength (26°C, 65%RH)	21 N (per one core conductor)
Emigration	Non-Emigrant to ABS resin ABS
Applicable Temperature	-20°C~+80°C (-4°F~+176°F)