

Mogami overall shielded cable



Multi purpose #28AWG superflexible overall shielded cable available in twisted pair configuration for electromagnetic noise rejection as well as in economy and easy wiring general round configuration in compact gray jacket. All these cables are approved as UL SUBJECT 758 AWM 20002 VW-1SC.

CABLE SPECIFICATIONS

Conductor	Details	7/0.127TA (7*#37AWG)
	Size(mm <sup>2</sup> )	0.088mm <sup>2</sup> (#28AWG)
Insulation	Ov. Dia.(mm)	0.95Ø (0.0374")
	Material	PVC
Overall Shield	Type	Braided shield
	Coverage	Minimum 85%
Ov. Jacket	Material	Flexible PVC
	Color	Dark Gray

ELECTRICAL & MECHANICAL CHARACTERISTICS

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DC Resistance at 20°C	0.21Ω/m(0.064Ω/Ft)
Voltage Breakdown	Must withstand at DC 500V/15sec.
Insulation Resistance	10000 MΩ × m Min. at DC 500V , 20°C
Chracteristic Impedance*	90 ~ 115Ω (at 10MHz)
Cable Skew*	0.517nS/m
Delay Time*	5.5 ~ 6.1n S/m
Velocity Ratio*	0.55 ~ 0.60
Emigration	Non-emigrant to ABS resin
Applicable Temperature	-20°C ~ +70°C (-4°F ~ +158°F)
Standard	UL 758 AWM 20002 VW-1SC 30V 80°C

\*Data for Twisted Pair Type Only.

ROUND TYPE				Basical structure
Part No.	No. of Conductor	Ov. Dia. (mm)	Roll size and weight per roll	
2861	7	5.2Ø (0.205)	6kg/153m (500Ft)	
2862	12	6.4Ø (0.252)	8.5kg/153m (500Ft)	
2863	24	8.4Ø (0.331)	15kg/153m (500Ft)	
2835	30	9.0Ø (0.354)	18kg/153m (500Ft)	
2864	40	10.0Ø (0.394)	20kg/153m (500Ft)	
2865	50	11.0Ø (0.433)	25kg/153m (500Ft)	
2866	64	12.3Ø (0.484)	30kg/153m (500Ft)	

TWISTED PAIR TYPE				Basical structure
Part No.	No. of Pair	Ov. Dia. (mm)	Roll size and weight per roll	
2840	5-PR	7.4Ø (0.291)	10.8kg/153m (500Ft)	
2841	7-PR	7.8Ø (0.307)	12kg/153m (500Ft)	
2842	8-PR	8.4Ø (0.331)	13.6kg/153m (500Ft)	
2843	10-PR	9.5Ø (0.374)	17kg/153m (500Ft)	
2845	13-PR	10.0Ø (0.394)	19kg/153m (500Ft)	
2847	18-PR	11.5Ø (0.453)	25kg/153m (500Ft)	
2848	20-PR	11.8Ø (0.465)	26kg/153m (500Ft)	
2849	25-PR	13.0Ø (0.512)	15kg/153m (500Ft)	
2851	32-PR	14.5Ø (0.571)	19kg/153m (500Ft)	

Option: FERRITE CORE is available as a countermeasure against EMI noise.