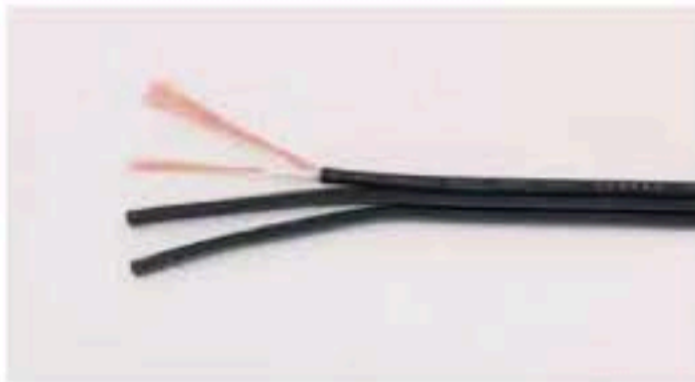


75Ω COAX. PARALLEL MULTICORE CABLES



Part No.2947





Part No.3243

The dual 75 ohm parallel "zip style" 2947 was originally developed to maintain maximum video performance while fitting the very compact 4 pin mini-Din (S-video) connector. Success in this challenging project required Mogami's highly experienced design and extremely precise manufacturing technique.

Because this small cable is excellent for audio and video, two (2947) three (3243) and four (3294) conductor versions of this cable are now available to meet market demands in home and industrial audio-video, law enforcement, medical imaging, and security environments.

CABLE SPECIFICATIONS

Configuration		
Part No.	2947	3243
Core Configuration	2x75Ω Coax.	3x75Ω Coax.
Conductor Size	0.126mm ² (#27AWG)	
Shield Structure	Served Shield	
Jacket	Material Flexible PVC	
	Ov. Dia . (mm)	2x3.0φ(0.118")
	Colour	Black
Roll Sizes	153m/305m (500Ft /1,000Ft)	153m (500Ft)
Weight Per 153m (500Ft) Roll	4kg	6.1kg

ELECTRICAL & MECHANICAL CHARACTERISTICS

Part No.	2947	3243
DC Resistance at 20°C	Inner Cond.	0.15Ω/ m (0.046Ω/ Ft)
	Shield	0.035Ω/ m (0.011Ω/ Ft)
Capacitance at 1kHz, 20°C	59pF/ m (18.0 pF/ Ft)	
Characteristic Impedance at 10MHz	75Ω±5%	
Attenuation (10MHz)	0.061dB / m (0.019 dB / Ft)	
Phase Constant (10MHz)	0.28 rad / m	
Electromagnetic Noise*	0.1mV Max .	
Voltage Breakdown	Must withstand at DC 500V/15sec .	
Insulation Resistance	10 ⁴ MΩ · m Min . at DC 500V , 20°C	
Flex Life*	24 ,000 cycles	28 ,000 cycles
Tensile Strength	392 N	530 N
Emigration	Non-Emigrant to ABS resin	
Applicable Temperature	-20°C~ +70°C (-4°F~ +158°F)	

Attenuation : 1 dB = 0.1151 neper (1 neper = 8.686 dB)
 *Using standard testing method of Mogami Wire & Cable Corp .

