Product Information Sheet

46-607 RJ45 PLUG 8P8C Cat 6, unshielded

DESCRIPTION

8 pole 8 contact plugs primarily for data cabling for unshielded Cat6 (250 MHz) applications.



TECHNICAL SPECIFICATION

Construction	3 part assembly:	connector body with contacts wire management insert wire separation insert	
Poles/Contacts	8 / 8		
Contact Material	Phosphor Bronze with 50µ" (1.27µm) gold plating over 100µ" (2.54µm) nickel plate		
Housing material	Polycarbonate, UL94V		
Cable Type	Round		
Shielded	No		
Dimensional:	Max cable O.D.	6.7mm	
	Conductor Size	Stranded	0.13 - 0.33mm^2
		Solid Wire O.D.	0.40 - 0.65mm
		Insulation O.D.	0.95 - 1.05mm
Mechanical:	Tensile Strength	Plug to Jack	7.7kgf min
	Durability	1000 mating cycles min	
Electrical:	UL Applications	250VAC max @1.5A	
	Dielectric	withstanding Voltage	1000VAC (1 min)
	Insulation Resistance	500MΩ	
	Termination Resistance	30mΩ	