

AS-RJ, CAT6 Network, Ethernet connector for harsh environment

AS-RJ is RJ45 connector for Signal data transmission, designed for high speed CAT6 Network applications like, 10Base T, 100Base Tx, and 1000Base T (1GB) for harsh environment. This connector made of metallic material & its ruggedness can sustain high temperature environment Military & Aerospace applications.

Applications

- Railways
- Radars
- Shelters
- Battlefield communication
- Systems
- Navy

CONNECTOR SPECIFICATIONS

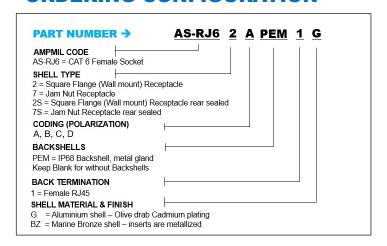
SL.NO.	CONSTRUCTION	MATERIAL	FINSIH
1	Shell body	Aluminium Alloy	"Cadmium Olive Drab over electroless Nickle, Electroless Nickel"
2	Insert	Engineering Plastic	Natural
3	Oring	Silicon Rubber	Natural
4	Grommet / Seal	Silicon Rubber	Natural

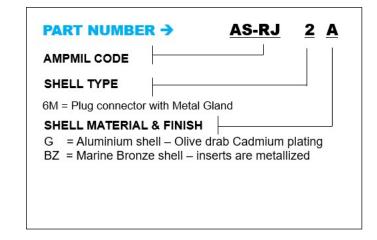
MECHANICAL						
Durability	500	cycles				
Coupling Mechanism						
'Tripple start thread with Anti-Decoupling device shell- 19 (MIL-DTL-38999 Series III type)						
Insert retention						
'100N in the axial direction						
Cable Range						
Min Dia	Max Dia	UOM				
6	13	mm				
Polarization						
4 Positions A, B, C, D						
Vibration						
Sine 60G, @ 140 - 2000Hz @ -55 to +175 °C ± 5°C						
Shock (Peak Acceleration)						
Half Sine wave pulse 300G ± 15 percent magnitude, duration 3 ± 1msec						

DIGITAL					
CABLE TYPE	CAT6				
Data Transmission Capacity					
10Base T					
100 Base Tx	Up to 250 MHz Freequency applications				
1000 Base T					
Data Loss Range					
NEXT Loss, Single	>10dB @				
coupling	2mtr Dist.				
NEXT Loss,	>4.6dB @				
Double coupling	3mtr Dist.				

ENVIRONMENTAL						
Sealing	IP 68					
Operating Temperature						
Class	Range	UOM				
w	- 65 to +100	°C				
F	- 65 to +100	°C				
Corrosion Resistance (Salt Spray Hr)						
Class	Value @ 35°C	UOM				
W	500	Hr				
F	48	Hr				

ORDERING CONFIGURATION





Ampmil Interconnect reserves the right to make any engineering refinement, alterations or improvements deemed necessary on its products. The dimensions appearing in this catalogue are subject to change without notice. When dimensions are critical, detailed drawings should be requested.