



Datasheet for part number IT06-6S-006-N

Our Catalog Part Number: IT06-6S-006-N
Our Global Manufacturing Part Number: 132066-6107
Brand: Cannon Product Category: IT Series Product Line: IT Series: IT SERIES

Product Datasheet	
Series	Cannon IT
Connector System	Cable-to-Cable
Connector Type	Plug
Number of Cavities	6 cavities
Contact Type	Socket
Color Housing	Black
End Cap	No
Seal	N-Seal (larger diameter seal): Ø2.20mm to 3.81mm
Contact Current Rating	Up to 13A
Operation Voltage	Up to 250V ac rms
Wire Range	24-12 AWG (0.25mm <sup>2</sup> - 2.50mm <sup>2</sup> )
Operating temperature	-55°C to +125°C (-67°F to +257°F)
Durability	Minimum 200 mating cycles for stamped contacts Minimum 100 mating cycles for machined contacts
Environmental Sealing	IP67, IP68 and IP6K9K (mated)
Flammability	UL 94 V-0
Housing Material	Thermoplastic, Glass filled PA
Sealing Material	Silicone Rubber