

MACH-FTP Cat5E Messenger-High Speed Data Cable

1. Application: This specification is applicable to the 4P FTP Messenger lan cable
2. Construction :

Item	Description	Specification
Conductor	Bare Copper Wire	0.508 mm
Insulation	HDPE Color : with-blue, blue, white-orange, orange, white-green, green, white-brown, brown	1.05 mm
Twisted pair	Lay length \leq 30 mm	2.0 mm
Cabling	4 number of twisted pair stranded together to form the main core Lay length \leq 120 mm Binder: wrapped with a layer of PET/AL, 100% coverage	4.5 \pm 0.5 mm
Jacket	Messenger: Φ 1.16 galvanized steel wire Material : PVC There is a ripcord under the sheath	6.0 \pm 0.5 mm

Item	Parameter
Conductor Resistance	\leq 9.5 Ω / 100m
Insulation Resistance	\geq 5000 M Ω km (DC500V Charged 1 min)
Voltage Endurance	DC1000V / min
Mutual Capacitance	\leq 5.6nF/100m
Core - core resistance unbalance	\leq 5.0%

