

High Reliability Ethernet Cables



■ **GENERAL** : 26 AWG stranded, bare copper wire with 200C, 300 Volt HFFR insulation, double-shielded, with Kevlar 600# strength member and extra rugged black polyurethane jacket.

■ **TESTING** : Meets specifications for TIA CAT5 SFTP 100 Ohm cable. Passes all CAT5 tests in lengths up to 30 meters

■ **Reel of 100 m (328 feet) of cable** : 190-036161-00 (without RJ45 plug en ends)

■ **Cordset with RJ45 plug on each end**

2.5 feet / 0,76 m	RJF SFTP 0076
5 feet / 1,52 m	RJF SFTP 0152
10 feet / 3,05 m	RJF SFTP 0305
15 feet / 4,57 m	RJF SFTP 0457
25 feet / 7,62 m	RJF SFTP 0762
50 feet / 15,25 m	RJF SFTP 1525
75 feet / 22,87 m	RJF SFTP 2287
100 feet / 30,50 m	RJF SFTP 3050

PHYSICAL CHARACTERISTICS		ELECTRICAL CHARACTERISTICS	
CONDUCTORS	26 AWG Bare copper stranded 7x0.16 mm	DC Resistance Impedance	15 Ohms/100m @ 20° C 100 +/-15 Ohms 1-100 MHz
INSULATION	Color coded, Linear Low Density Polyethylene (LLDPE) Nom. dia. 0.90 mm	Attenuation	772 KHz 2.70 db/100m nom. 1 MHz 3.15 db/100m nom. 4 MHz 6.45 db/100m nom. 10 MHz 9.90 db/100m nom. 16 MHz 12.3 db/100m nom. 20 MHz 13.8 db/100m nom. 31.25 MHz 17.7 db/100m nom. 62.5 MHz 25.6 db/100m nom. 100 MHz 33 db/100m nom.
ASSEMBLY	Pairs cabled with Kevlar strength member and tape wrapped.	N.E.X.T. (Near-End Crosstalk Loss)	772 KHz 64 db min. 1 MHz 62 db min. 4 MHz 53 db min. 10 MHz 47 db min. 16 MHz 44 db min. 20 MHz 42 db min. 31.25 MHz 40 db min. 62.5 MHz 35 db min. 100 MHz 32 db min.
SHIELD	Inner: Aluminum/Mylar, 100% coverage. Outer: Tinned copper braid, 80% coverage.	Capacitance	4.6 nF / 100m
JACKET	Black HFFR Nom. wall: 1.5 mm Elongation: 550% Tensile Strength: 5,000 psi.	Capacitance Unbalance	340 pF / 100m max. @1KHz (wire to ground)
PHYSICAL	Outside diameter: 7.5 mm nom. Weight: 55Kg per Km.	Insulation Resistance	150 M Ohm min.
TEMPERATURE	Plus 105° C, minus 70° C.	Voltage Rating	230 VMS
		Dielectric Strength	700 Vrms
		Propagation Delay (100MHz)	5.2 ns/m max. @ 100 MHz
		Delay Skew	20 ns/100m max. @ 1-100 MHz
		Resistance Unbalance	3% max. @ 20° C
		Structural Return Loss (100 MHz)	23db/100m min. @ 1-20 MHz

Applications

- Factory Automation
- Data Acquisition and Transmission in Harsh Environment
- C4I requirements
- Tele-maintenance

Technical Assistance :

Dominique Signorel
Product Marketing Manager
dsignorel@amphenol-airlb.com
Tel : (514) 421-2153
Or call for your local distributor ...

Amphenol®

Copyright. Imprimé en France par Amphenol Socapex

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ethernet Cables / Networking Cables](#) category:

Click to view products by [Amphenol](#) manufacturer:

Other Similar products are found below :

[73-6670-7](#) [73-6680-15](#) [73-7797-25](#) [MCJB2-10P6Q7-120](#) [84909-0204](#) [1200700174](#) [1200860368](#) [E16A06002M030](#) [E200102-009-S1](#)
[AX105346-EW](#) [MT14-187L](#) [17-103530](#) [ERWPAB3002M005](#) [190-038045-01](#) [NK5EPC18RDY](#) [NK5EPC18VLY](#) [NK5EPC18YLY](#)
[NK5EPC1GRY](#) [NK5EPC4Y](#) [NK5EPC6YLY](#) [NK5EPC8BLY](#) [NK5EPC9YLY](#) [1969343-6](#) [C501100010](#) [C501106002](#) [C501106007](#)
[C501106015](#) [C501106025](#) [C601102010](#) [C601104010](#) [C601106007](#) [C601106015](#) [2142758-2](#) [2168427-2](#) [CAT1106007](#) [SR02P0-26E5-15.0](#)
[SR02S0-26E5-15.0](#) [21949-1](#) [2J1866A](#) [RJF SFTP 5E 0500](#) [AX100351](#) [MN14CEC/ST](#) [C501100015](#) [C501106004](#) [C501106010](#) [C5F1108007](#)
[C601104004](#) [C601106004](#) [CA21106004](#) [CA21106010](#)