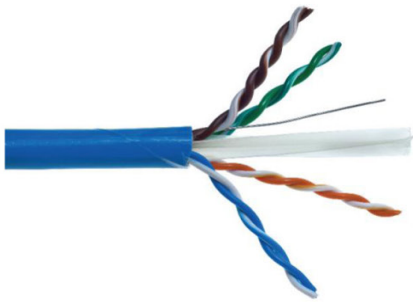## Category 6A F/UTP Cable

Arnet Category 6A 4-pair F/UTP cable is an ideal solution for 10GBASE-T Ethernet. Individual pair shielding produces excellent internal crosstalk performance whilst the overall foil shield contributes to ANEXT reduction.

The cable has positive PSACR above 500 MHz. Print legend provides metre marking from 305m to 0m.

Low Smoke Zero Halogen jacket.

Description	Part Number
Category 6A F/UTP 4-pair cable, LSOH jacket, 305 metre reel	ARC6A-F/UTP- LSOH

Fully tested and ETL certified to:	TIA/EIA 568-C.2 and ISO/IEC 11801:2002 Amendment 2 Category 6A
Applications:	- IEEE 802.3:10GBASE-T (10 Gigabit Ethernet), 1000BASET (Gigabit Ethernet), 100BASE-TX, 10BASE-T - 52/155 Mb/s ATM - ANSI X3.263:100 Mb/s - 4/16 Mb/s Token Ring - Digital Video - Broadband and Baseband analogue video
Cable Type:	4 pair F/UTP
Conductor Size:	23 AWG, 0.57 mm diameter
Jacket Material:	Low Smoke Zero Halogen (LSOH)
Colour:	Violet
Input Impedance (Ohms):	$1< f <100Mhz = 100 + 10$ $100< f <500Mhz = 100 + 22$
Nominal Velocity of Propagation (NVP):	0.65 (65%)

Category 6A Shielded Patch Cords

All Arnet Category 6A patch cords are made using F/FTP stranded cable terminated with shielded RJ45 plugs with cable relief boots and plug latch protection.

Support Category 6A/Class EA performance when installed as part of a full product system.

Description	Part Number
Cat 6A Patch Cord, 1 metre	ARC6A-PC-1M
Cat 6A Patch Cord, 3 metres	ARC6A-PC-3M
Cat 6A Patch Cord, 5 metres	ARC6A-PC-5M
Please ask for details of other cord lengths	

Fully tested and certified to:	TIA/EIA 568-C.2 and ISO/IEC 11801:2002 Category 6A
Applications:	- IEEE 802.3:10GBASE-T (10 Gigabit Ethernet), 1000BASET (Gigabit Ethernet), 100BASE-TX, 10BASE-T - 52/155 Mb/s ATM - ANSI X3.263:100 Mb/s - 4/16 Mb/s Token Ring
Connector:	50-micron gold plated RJ-45 male to male T568B wiring
Cable Type:	4 pair F/UTP
Conductor Size:	27 AWG, 0.36 mm diameter stranded
Jacket Material:	Flame-retardant PVC
Colour:	Grey
RoHS Compliance:	Yes

Category 6A Keystone Module

The Arnet Category 6A 180° tool-less keystone jack has a die-cast zinc alloy casing providing 360°shielding.

Performance meets all the connecting hardware requirements of ANSI/TIA-568-C.2. and is fully backward compatible with all lower cabling categories.

The tool-less design saves termination time. UK-size keystone faceplates are available in single and dual single-gang styles.

Fully tested and compliant with:	TIA/EIA 568-C-2 and ISO/IEC 11801:2002 Amendment 2 Category 6A
Material:	Die-cast zinc housing
Termination Type:	Tool-less idc-style coded for T568A and T568B wiring
Conductor Capacity:	23 - 26 AWG (0.64 - 0.4 mm)
RoHS Compliance:	Yes
Faceplate Dimensions:	86 mm x 86 mm

Description	Part Number
Category 6A Keystone module, shielded	ARC6A- KS-S
UK-style dual-port singlegang keystone faceplate 86 mm x 86 mm	ARC6A-FP-KS-02- Facepate with dual outlet

Category 6A Patch Panel

Arnet 24-port modular Category 6A Patch panels fits industry-standard 19" racks.

Accommodates Arnet Category 6A and all other keystone modules. Modules are automatically grounded when inserted in the panel. An earth lead is provided for connecting the panel to the main earth system.

Rear cable management is provided as standard.

Number of Ports:	24 and 48 ports
Dimensions:	24 port - 19" x 1.75" (1U) 483 mm x 44.5 mm 48 port - 19" x 3.5" (2U) 483 mm x 89 mm
Termination:	Unloaded-style panel accepts all industry standard keystone type modules, Shielded or unshielded

Description	Part Number
Category 6A Patch Panel, 24 port	ARC6A-PP-24 EMPTY PANEL + blanks
Category 6A Patch Panel, 48 port	ARC6A-PP-48 EMPTY PANEL + blanks