Patch Cord - Cat 6A S/FTP

Overview

RitchField Cat 6A S/FTP Patch Cords, in PVC and LSZH variants, redefine connectivity. Compliant with PVC and LSZH standards, they ensure exceptional signal integrity for modern networks prioritizing safety and performance. The ultimate choice for seamless data transmission and reliable networking solutions

Application :
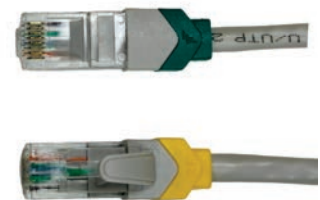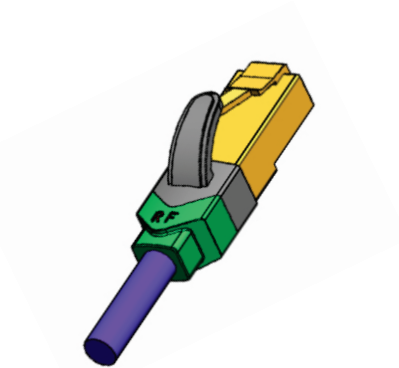
100Base - TX	1000Base-TX
100VGAnyLAN	155 Mbps ATM
1000Base-T	622 Mbps ATM
(Gigabit Ethernet)	10GB Ethernet

Structure	Construction	S/FTP
	Number of pairs	4 Pair
Conductor	AWG	24AWG
	Material	Standed Bare Copper
	Conductor Dimension (mm)	7/0.16 ± 0.01
Insulation	Insulation Material	Foam-PE
	Insulation Dimension(mm)	1.01± 0.01
Pairs	1	White-Blue/Blue
	2	White-Orange/Orange
	3	White-Green/Green
	4	White-Brown/Brown
Filler	Filler Material	NA
Outer Jacket	Outer Jacket Material	PVC / LSZH
	Outer Jacket Nominal Thickness (mm)	0.6 ± 0.05
	Overall Dimension (mm)	5.9 ± 0.05
Shield	Individual Shield & Material	AL- Foil
	Secondary overall shield & Material	CCAM
	Shield Coverage	>32%
Reference Standard	ANSI/EIA 568D.2 IEC 61156 & ISO/IEC 11801	
Temp	60 ☐	
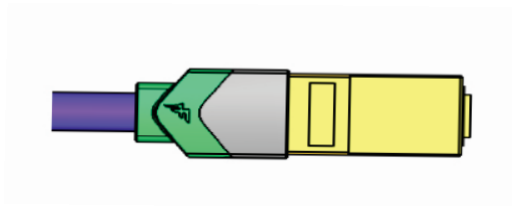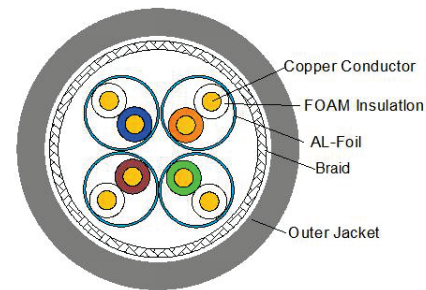
Electrical Characteristics	
	1--500MHZ
	Max. delay skew ≤ 45/100m
	Max. conductor resistance 145 Ω/km (@ 20 □)
	Max. conductor resistance unbalance 2.5% (@ 20 □)
	Min. insulation resistance 5000 MΩ·km
	Nom. mutual capacitance ≤5.6nF/100m @1KHz
	Nominal velocity of propagation 77%

Mechanical Characteristics	
	Outer jacket tensile strength ≥ 13.5Mpa (PVC) ≥ 10 Mpa (LSZH)
	Outer jacket elongation ≥150% (PVC) ≥125% (LSZH)
	Outer jacket aging condition 100℃ x168hrs
	After aging, Tensile strength ≥ 12.5Mpa (PVC) ≥ 8Mpa (LSZH)
	After aging, Elongation ≥ 125% (PVC) ≥ 100% (LSZH)
	Cold bend No crack (@-20℃x4hrs)
	Hot impact NO Crack(@150℃x 1hr)

Ordering Information

Part Number	Product Description
	PVC
RF1A-PC6ASFPV0.22-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, PVC, 0.22 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFPV0.5-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, PVC, 0.5 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFPV1-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, PVC, 1 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFPV2-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, PVC, 2 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFPV3-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, PVC, 3 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFPV5-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, PVC, 5 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFPV10-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, PVC, 10 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFPV15-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, PVC, 15 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFPV20-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, PVC, 20 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFPV25-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, PVC, 25 Mtr with Factory Crimped color identification boot

Ordering Information

Part Number	Product Description
	LSZH
RF1A-PC6ASFLZ0.22-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, LSZH, 0.22 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFLZ0.5-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, LSZH, 0.5 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFLZ1-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, LSZH, 1 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFLZ2-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, LSZH, 2 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFLZ3-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, LSZH, 3 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFLZ5-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, LSZH, 5 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFLZ10-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, LSZH, 10 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFLZ15-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, LSZH, 15 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFLZ20-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, LSZH, 20 Mtr with Factory Crimped color identification boot
RF1A-PC6ASFLZ25-GY-<CI>	Cat 6A S/FTP Patch Cord, Grey Color, LSZH, 25 Mtr with Factory Crimped color identification boot

CI = Color Identifier   SB - Sky Blue, LG - Lemon Green, GY- Grey, YL - Yellow, BL - Blue, GR - Green, WH - White, BK - Black, PR - Purple, RD - Red