



Features & Application

Transmission Performance: ANSI/TIA-568-C.2: category 7 (1-750 MHz)
 Longer flex life compared to solid cores
 Suitable for Equipment connections
 Stranded wiring for conductor flexibility
 Suitable for Cross-connects where cables are frequently bent and manipulated
 Shielded RJ45 Plugs

Standards

TIA/EIA-568B.2-1
 NEC/CEC
 ISO/IEC 11801: 8-position conductor/pair assignment (1-2/3-6/4-5/7-8)
 IEC60332-1 (CM) - Fire Protection
 TIA-568-C.2 : T568A & T568B

Available Types

2714-11029 - PVC
 2714-11028 - LSZH
 Please contact for available colors and lengths

Specifications

Conductor :	Stranded Copper 4 pairs, 7 strands, 26 AWG
Cable Type:	S/FTP Cat.7
Outer Jacket:	PVC/LSZH
Outer Cable Diameter:	6.0mm ± 0.2 mm
Retention:	50 N (11 lbf) for 60±5 s
Mating cycle life:	min 750 cycles
Tensile strength:	≥ 20 N per wire
Plug Type:	24K Gold Plated Shielded RJ45 8P8C Modular Plug
Plug Housing:	UL listed 94V-0/1/2 flame retardant polycarbonate
IDC blades:	Phosphor bronze, gold plating over 100 μm of nickel in contact area
Boot Type:	Snagless
Length:	0.3m-30m or As per request
Sheath Color:	Grey/Green/Blue/White/Black/Red/Yellow
Package:	Polybag or Blister Package
Operating temperature:	-20°C to +60°C
Installation Temperature:	0°C to +60°C
Minimum bend radius:	4 outer cable diameters