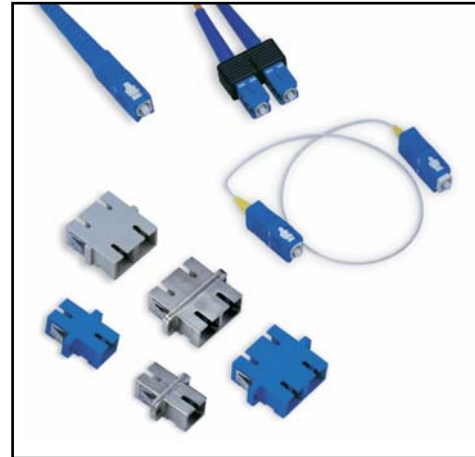


SC - PC Connectors & Adapters

The 728 series of SC-PC connectors offer superior performance with very high repeatability. Fully intermatable with standard NTT SC-PC, these products deliver long term stability for a range of applications and conditions. 728 series connectors and adapters utilize tightly toleranced pre-radiused Zirconia ferrules for consistent, low loss performance. The 728 series features a patented NOD spacer element for greater reliability and improved ease of assembly. AFOP also provides an SC adapter family to support SC-PC interconnection. These products are available in either a premium metal body or in a polymer body construction.



APPLICATIONS

- Local Area Networks
- SONET Networks
- CATV Distribution Networks
- Point to Point Systems
- Wide Area Networks

FEATURES

- Patented NOD Connector Spacer Element Design
- Patented Universal SC Duplex Clip Option
- TIA/EIA-604-4 Intermateability Std. Compliant
- RoHS Compliant

SPECIFICATIONS - SC-PC CONNECTOR / 728 SERIES

Parameters	Multimode	Singlemode
Insertion Loss	0.2 dB Typical 0.3 dB Maximum	0.15 dB Typical 0.25 dB Maximum
Back Reflection	- 25 dB Typical	- 35 dB PC Polish - 45 dB Super PC - 55 dB Ultra PC
Connection Durability	500 Matings	500 Matings
Connector Repeatability	$\Delta IL < 0.2$ dB	$\Delta IL < 0.1$ dB
Operating Environment	- 40°C to + 85°C	- 40°C to + 85°C
Temperature Cycling	$\Delta IL < 0.1$ dB/ $\Delta R L < 5$ dB	$\Delta IL < 0.1$ dB/ $\Delta R L < 5$ dB
Vibration Loss Change	$\Delta IL < 0.1$ dB/ $\Delta R L < 5$ dB	$\Delta IL < 0.1$ dB/ $\Delta R L < 5$ dB
Cable Retention	> 15 Lbs.	> 15 Lbs.
Compliance	TIA/EIA 568B.3	Telcordia GR-326

SPECIFICATIONS - SC-PC ADAPTER / 740 SERIES

Parameters	Phosphor/Bronze	Zirconia
Operating Temperature	- 40°C to + 85°C	- 40°C to + 85°C
Connection Durability	500 Matings	500 Matings
Repeatability	$\Delta IL < 0.2$ dB	$\Delta IL < 0.2$ dB
Insertion Loss	< 0.3 dB	< 0.2 dB

ORDERING INFORMATION - SC-PC CONNECTOR / 728 SERIES

728	-	N	N	N	O	-	N	N	N	O	B
		Ferrule Type	Body Type	Boot Type		Housing Color	Boot Color	Dust Cap Color	Color Chart		
		1: SM 125 μ m 2: SM 126 μ m 3: MM 128 μ m 7: APC 125 μ m 8: APC 126 μ m	1: Simplex One Piece 2: Duplex One Housing 4: Duplex w/Clip	1: 900 μ m Boot 2: 2 mm Ribbed Boot 3: 2 mm Rubber Boot 4: 3 mm Ribbed Boot 5: 3 mm Rubber Boot Other: Custom		3: APC: Green 5: SM: Blue 7: MM: Beige	3: APC: Green 5: SM: Blue 7: MM: Beige	0: SM: Translucent 1: MM: Black 3: APC: Green	0. Translucent (Cap Only) 1. Black 2. Yellow 3. Green 4. Red 5. Blue 6. Orange 7. Beige 8. White		

Notes:

* All parts are sold in units of 100 **Refer to color chart for additional non-standard boot and housing colors

***Non-standard color lead time may be longer

SC-PC Connectors & Adapters

ORDERING INFORMATION - SC-PC ADAPTER / 740 SERIES

740-0117-004	SC, Metal Sleeve, Beige Plastic Body with Flange
740-0121-004	SC, Ceramic Sleeve, Blue Plastic Body with Flange
740-0137-004	SC, Duplex, Metal Sleeve, Beige Plastic Housing with Flange
740-0141-004	SC, Duplex, Ceramic Sleeve, Blue Plastic Housing with Flange
740-0337-004	SC, Duplex, Metal Sleeve, Beige Plastic Housing w/o Flange
740-0341-004	SC, Duplex, Ceramic Sleeve, Blue Plastic Housing w/o Flange
740-0011-004	SC, Metal Sleeve, Metal Body
740-0041-004	SC, Ceramic Sleeve, Metal Body
740-002N-004	SC, Duplex, Metal or Ceramic Sleeve, Metal Body with Threaded Mounting Hole
740-005N-004	SC, Duplex, Metal or Ceramic Sleeve, Metal Body with Flange
740-0177-004	SC-ST, Duplex, Beige Plastic Housing, Metal Sleeve
740-023N-004	SC-FC, Simplex, Flange Type, Metal or Ceramic Sleeve
740-912X-004	Premium, SC, Ceramic Sleeve, Plastic Body with Flange
740-932X-004	Premium, SC, Ceramic Sleeve, Plastic Body w/o Flange

Color Chart

1. Blue	2. Yellow
3. Green	4. Red
5. Black	6. Orange
7. Beige	8. White

Notes:

N = (1: Metal Sleeve, 2: Ceramic Sleeve)

X = Adapter color. Refer to color chart.