Fibre Optic Through Adapters



FOS offers a large range of reliable and high quality fibre optic through adapters. Through adapters provide a fast and efficient way to make temporary or permanent network links between connectorised cable.

Available to suit a large range of common, legacy and specialty fibre connectors and in a range of colours and mounting configurations. FOS through adapters provide a reliable, high performace link between connector mates in your fibre optic network.

Applications

- Ethernet, Fiber channel, ATM and WAN
- Telecommunications networks
- Local area networks
- Data processing networks
- Cable television
- Premises distribution

Features & Benefits

- High precision alignment sleeves and adapter bodies provide a reliable mate between connector ferrules
- Variety of adapter and boot colours for network identification
- All FOS adapters comply with geometry requirements outlined in TIA 604 and IEC 61754 standards
- All adapters are stored and supplied with dust caps to prevent connector contamination
- Different mounting footprints and flange styles available for many adapter types
- A large range of hybrid and legacy adapters held in stock
- RoHS, REACH SvHC compliant



Fibre Optic Systems

Technical Specifications

SC Adapter	Perforr	Conformance			
	Ceramic	Bronze			
Typical Insertion Loss (dB)	0.1	0.15	IEC 61300-3-4		
Mating Durability (cycles)	500		IEC 61300-2-2		
Retention Force (N)	2 - 5.9		IEC 61754-4		
Operating Temperature (°C)	-25 to +70 (12 Cycles)		IEC 61300-2-22		
LC Adapter	Performance		Conformance		
	Cera				
Typical Insertion Loss (dB)	0.	IEC 61300-3-4			
Mating Durability (cycles)	50	IEC 61300-2-2			
Retention Force (N)	1 - 2	IEC 61754-20			
Operating Temperature (°C)	-25 to +70 (12 Cycles)	IEC 61300-2-22		
ST Adapter	Perforr	nance	Conformance		
	Ceramic	Bronze			
Typical Insertion Loss (dB)	0.1	0.15	IEC 61300-3-4		
Mating Durability (cycles)	50	IEC 61300-2-2			
Retention Force (N)	1 - 2	IEC 61754-20			
Operating Temperature (°C)	-25 to +70 (12 Cycles)	IEC 61300-2-22		
FC Adapter	Perforr	mance	Conformance		
· · · · · · · · · · · · · · · · · · ·					
	Ceramic	Bronze			
Typical Insertion Loss (dB)	Ceramic 0.1	Bronze 0.15	IEC 61300-3-4		
		0.15	IEC 61300-3-4 IEC 61300-2-2		
Typical Insertion Loss (dB)	0.1	0.15			
Typical Insertion Loss (dB) Mating Durability (cycles)	0.1	0.15	IEC 61300-2-2		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N)	0.1 50 2 - 5	0.15 0 5.9 12 Cycles)	IEC 61300-2-2 IEC 61754-13		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C)	0.1 50 2 - 5 -25 to +70 (0.15 0 5.9 12 Cycles)	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C)	0.1 50 2 - 5 -25 to +70 (0.15 0 5.9 12 Cycles) mance mer	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) MTRJ Adapter	0.1 50 2 - ! -25 to +70 (Perform Poly	0.15 0 5.9 12 Cycles) mance mer	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) MTRJ Adapter Typical Insertion Loss (dB)	0.1 50 2 - 5 -25 to +70 (Perform Poly 0.	0.15 0 5.9 12 Cycles) mance mer 2	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance IEC 61300-3-4		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) MTRJ Adapter Typical Insertion Loss (dB) Mating Durability (cycles)	0.1 50 2 - 5 -25 to +70 (Perform Poly 0.	0.15 0 5.9 12 Cycles) nance mer 2 0	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance IEC 61300-3-4 IEC 61300-2-2		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) MTRJ Adapter Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N)	0.1 50 2 - 5 -25 to +70 (Perfore Poly 0. 50 2 - 5	0.15 0 5.9 12 Cycles) mance mer 2 0 5.9 12 Cycles)	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance IEC 61300-3-4 IEC 61300-2-2 IEC 61754-13		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) MTRJ Adapter Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C)	0.1 50 2 - 5 -25 to +70 (Performance Poly 0. 50 2 - 5 -25 to +70 (0.15 0 5.9 12 Cycles) mance mer 2 0 5.9 12 Cycles)	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance IEC 61300-3-4 IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) MTRJ Adapter Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C)	0.1 50 2 - 5 -25 to +70 (Perform Poly 0. 50 2 - 5 -25 to +70 (Perform	0.15 0 5.9 12 Cycles) mance mer 2 0 5.9 12 Cycles) mance	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance IEC 61300-3-4 IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) MTRJ Adapter Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) E2000 Adapter	0.1 50 2 - 5 -25 to +70 (Perform Poly 0. 50 2 - 5 -25 to +70 (Perform Ceramic	0.15 0 5.9 12 Cycles) mance mer 2 0 5.9 12 Cycles) mance Bronze 0.15	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance IEC 61300-3-4 IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) MTRJ Adapter Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) E2000 Adapter Typical Insertion Loss (dB)	0.1 50 2 - 5 -25 to +70 (Perform Poly 0. 50 2 - 5 -25 to +70 (Perform Ceramic 0.1	0.15 0 5.9 12 Cycles) mance mer 2 0 5.9 12 Cycles) mance 5.9 12 Cycles) mance Bronze 0.15	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance IEC 61300-3-4 IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance IEC 61300-3-4		
Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) MTRJ Adapter Typical Insertion Loss (dB) Mating Durability (cycles) Retention Force (N) Operating Temperature (°C) E2000 Adapter Typical Insertion Loss (dB) Mating Durability (cycles)	0.1 50 2 - 5 -25 to +70 (Perform Poly 0. 50 2 - 5 -25 to +70 (Perform Ceramic 0.1 50	0.15 0 5.9 12 Cycles) mance mer 2 0 5.9 12 Cycles) mance Bronze 0.15 0 5.9	IEC 61300-2-2 IEC 61754-13 IEC 61300-2-22 Conformance IEC 61300-3-4 IEC 61300-2-2 IEC 61300-2-22 Conformance IEC 61300-2-22		

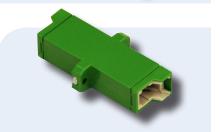














Fibre Optic Through Adapters

Ordering Information

<u>TA - SC RF - GN (-S)</u>

Through Adapter	Adapter Style		Mounting Configuration		Housing/Dustcap Colour		Shutter	
	SC:	SC Simplex	RF:	Reduced Flange	GN:	Green	S: Shuttered	
	SCD:	SC Duplex	SF:	2 Hole Flange	BU:	Blue	Note: Leave Blank if	
	LC:	LC Simplex	DD:	Double D Jamnut	AQ:	Aqua	no shutter required	
	LCD:	LC Duplex	SQ:	Square Flange	BE:	Beige		
	LCQ:	LC Quad	RJ:	RJ45 Mount	BK:	Black		
	ST:	ST Simplex			RD:	Red		
	STD:	ST Duplex			YL:	Yellow		
	E2K:	E2000			VT:	Violet		
	FC							
	MTP							
Hybrid Adapters	MTRJ							
Please contact FOS to	MU							
discuss your hybrid	FDDI							
adapter requirements								

Active | Passive | Test Equipment | Tooling | Cable | Fibre Management

For further information: www.fibreoptic.com.au +61 3 9757 3000

