

Size 5 Expanded Beam Contact



Fiber Optic Technology

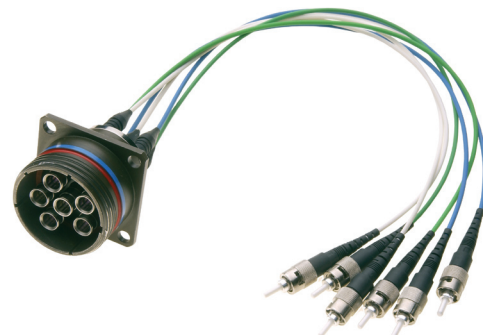
Sabritec offers rugged connectors such as the MIL-DTL-38999 to house fiber optic contacts including size 5 expanded beam, size 16 butt-joint, DIN style and now ARINC 801. These technologies are capable of supporting wide bandwidth applications. All fiber optic connectors and contacts are offered fully terminated and tested ensuring signal integrity for ruggedized application environments.

When specifying these rugged connectors, Sabritec also offers a complete line of fiber optic connectors to terminate to the other end of the cables. These include Ruggedized Single Channel (RSC), FC, ST, LC Duplex/Simplex, MTP, MT-RJ, and Ruggedized SC connectors.

Size 5 Expanded Beam Features:

- Robust pin & socket versions
- Multimode applications 62.5/125
- Available for ARINC or MIL-DTL-38999 applications
- Reduced influence from alignment errors
- Increased protection for fiber
- Reduced influence from dirt and debris
- Simple cleaning
- Insertion loss: -0.8 dB (typical)

Specifications	
Operating Temperature	-40°C - 85°C
Fiber Types	Multi-Mode
Insertion Loss	-0.8 dB
Cable Diameter	0.9 - 2.2 mm
Ferrules	Ceramic
Connector Body	ARCAP
Alignment Sleeve	Stainless Steel

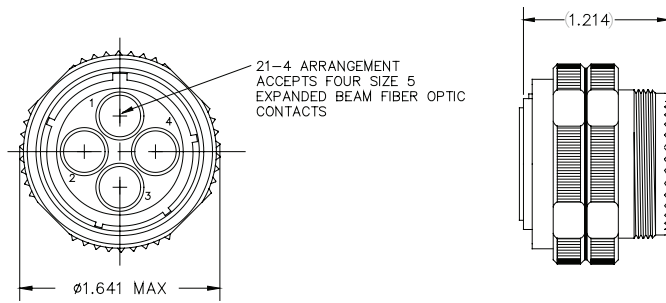


MIL-DTL-38999 Fiber Optic Connectors

Size 5 Expanded Beam Contacts



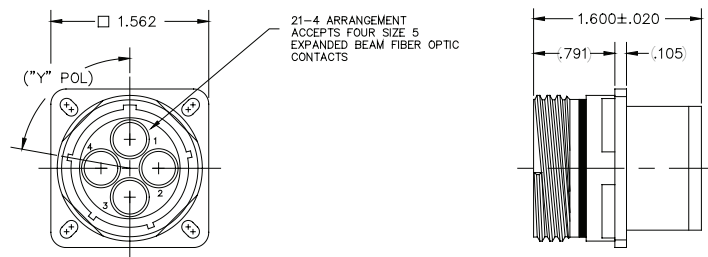
MIL-DTL-38999 Size 21-4 Fiber Optic Plug



Y	Polarization
1	N
2	A
3	B
4	C
5	D
6	E

P/N 23640Y-2000

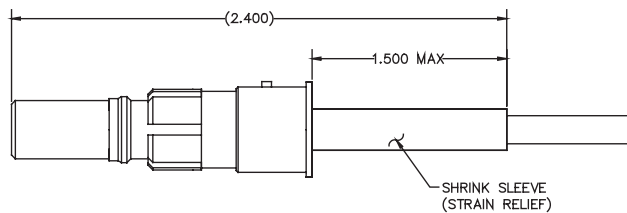
MIL-DTL-38999 Size 21-4 Fiber Optic Receptacle



Y	Polarization
1	N
2	A
3	B
4	C
5	D
6	E

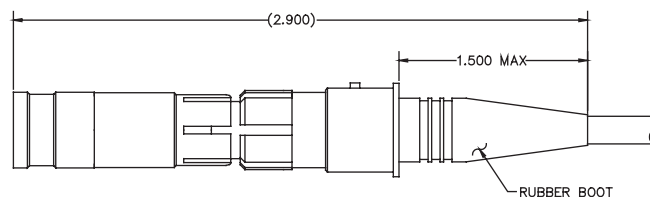
P/N 23640Y-3000

Size 5 Expanded Beam Lens Pin Contact



P/N 239433-8000

Size 5 Expanded Beam Lens Socket Contact



P/N 239333-8000

Sabritec - North America Sabritec Europe

Headquarters

17550 Gillette Ave, Irvine
CA 92614, USA
t: +1 (949) 250-1244
f: +1 (949) 250-1009

e: customerservice@sabritec.com

36-38 Waterloo Road,
London NW2 7UH, UK
t: +44 (0) 20 8450 8033
f: +44 (0) 20 8452 5142

e: europeansales@sabritec.com

FOR FURTHER INFORMATION VISIT www.sabritec.com