

TITAN accessories

CATALOG
2012

www.titanaccs.com

FIBER-OPTIC ADAPTERS

CONTENTS

PART 1: Fiber Optic Hybrid Adapter	3
PART 2: Standard Type Adapter	6

FIBER OPTIC HYBRID ADAPTER



Ferrule ID	0.128-0.127mm
Ferrule OD	2.499mm
Insertion Loss	≤0.02dB
Repeatability	≤0.02dB
Spring Pulling Force	200g
Fiber Type	OD 125nm SM or MM
Plugtimes	≥10000 times
Operation Temperature	-40°0+80°C

SC-ST ADAPTER



SC-ST simplex



SC-ST duplex



SC-ST simplex metal



SC-ST duplex metal

FIBER OPTIC HYBRID ADAPTER

SC-FC ADAPTER



SC-FC simplex

SC-FC simplex metal

SC-FC duplex metal

FC-ST ADAPTER



FC-ST simplex

FC-ST simplex metal

FC-ST D type

FC-ST duplex metal

LC-SC ADAPTER



LC-SC simplex

LC-SC simplex metal

FIBER OPTIC HYBRID ADAPTER

LC-ST ADAPTER



LC-ST simplex metal

DIN-FC ADAPTER



DIN-FC simplex metal

STANDARD TYPE ADAPTER

LC



Item	S.M[Zroz]	MM[P.B]
Insertion Loss	≤0.20dB	≤0.30dB
Return Loss	≥45 dB	-- --
Plug and Unplug Force(g/f)	200-600	
Mating Durability(500 times)	Additional Loss ≤0.10dB, Return Loss Variability <5 dB	
Temperature Stability (-40°C to + 85°C)	Additional Loss ≤0.20dB, Return Loss Variability <5 dB	
Operating Temperature	-40°C to + 85°C	-40°C to + 85°C
Store Temperature	-40°C to + 85°C	-40°C to + 85°C

MPO



Item	S.M[Zroz]	MM[P.B]
Insertion Loss	≤0.20dB	≤0.30dB
Return Loss	≥45 dB	
Plug and Unplug Force(g/f)	200-600	
Mating Durability(500 times)	Additional Loss ≤0.10dB, Return Loss Variability <5 dB	
Temperature Stability (-40°C to + 85°C)	Additional Loss ≤0.20dB, Return Loss Variability <5 dB	
Operating Temperature	-40°C to + 85°C	-40°C to + 85°C
Store Temperature	-40°C to + 85°C	-40°C to + 85°C

STANDARD TYPE ADAPTER

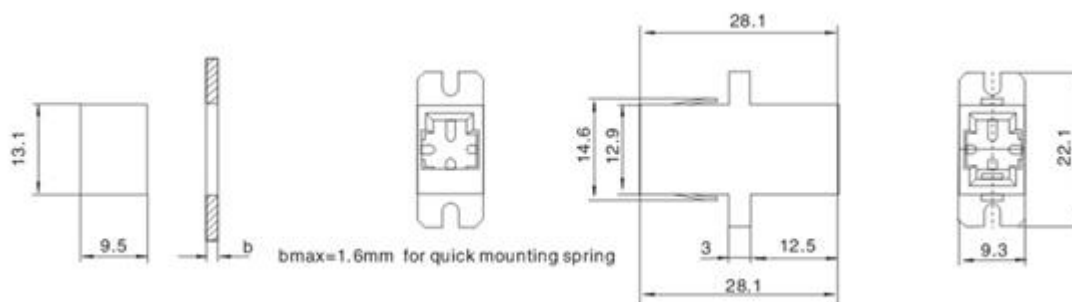
MTRJ



Item	S.M[Zroz]	MM[P.B]
Insertion Loss	≤0.20dB	≤0.30dB
Return Loss	≥45 dB	
Plug and Unplug Force(g/f)	200-600	
Mating Durability(500 times)	Additional Loss ≤0.10dB, Return Loss Variability <5 dB	
Temperature Stability (-40°C to + 85°C)	Additional Loss ≤0.20dB, Return Loss Variability <5 dB	
Operating Temperature	-40°C to + 85°C	-40°C to + 85°C
Store Temperature	-40°C to + 85°C	-40°C to + 85°C

Specifications shown above were obtained using JLD recommended products and procedures.

MECHANICAL DRAWINGS



STANDARD TYPE ADAPTER

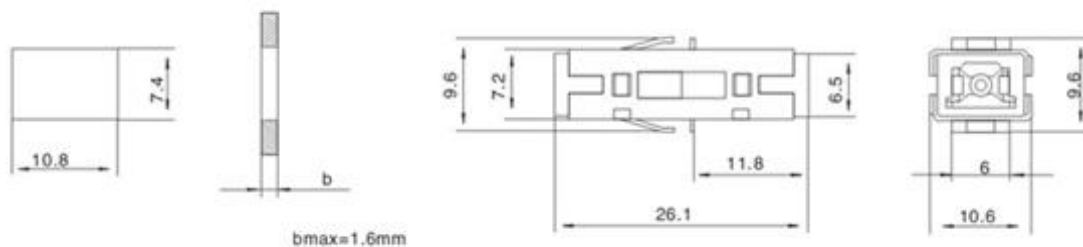
MU



Item	S.M(Zroz)	MM(P.B)
Insertion Loss	≤0.20dB	≤0.30dB
Return Loss	≥45 dB	-- --
Plug and Unplug Force(gtf)	200-600	
Mating Durability(500 times)	Additional Loss ≤0.10dB, Return Loss Variability <5 dB	
Temperature Stability (-40°C to + 85°C)	Additional Loss ≤0.20dB, Return Loss Variability <5 dB	
Operating Temperature	-40°C to + 85°C	-40°C to + 85°C
Store Temperature	-40°C to + 85°C	-40°C to + 85°C

Specifications shown above were obtained using JLD recommended products and procedures.

MECHANICAL DRAWINGS



STANDARD TYPE ADAPTER

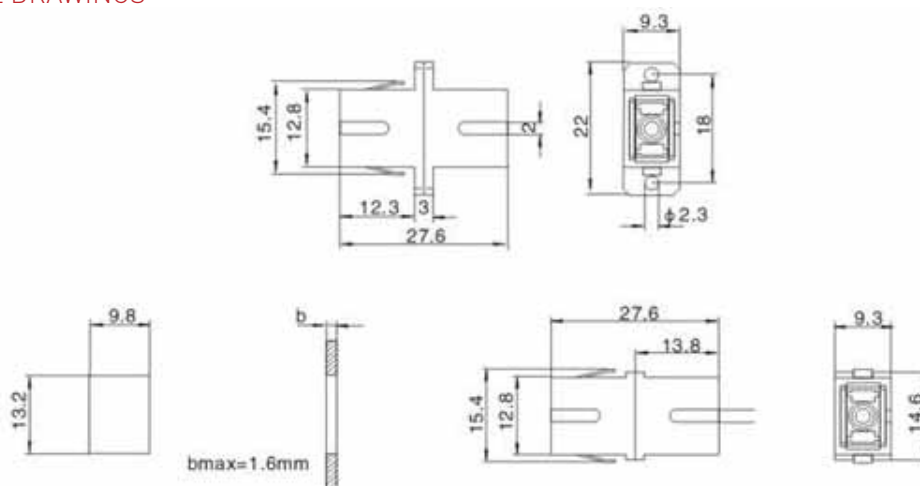
SC SIMPLEX ADAPTOR



Item	S.M(Zroz)	MM(P.B)
Insertion Loss	≤0.20dB	≤0.30dB
Return Loss	≥45 dB	-- --
Plug and Unplug Force(gf)	200-600	
Mating Durability(500 times)	Additional Loss ≤0.10dB, Return Loss Variability <5 dB	
Temperature Stability (-40°C to +85°C)	Additional Loss ≤0.20dB, Return Loss Variability <5 dB	
Operating Temperature	-40°C to +85°C	-40°C to +85°C
Store Temperature	-40°C to +85°C	-40°C to +85°C

Specifications shown above were obtained using JLD recommended products and procedures.

MECHANICAL DRAWINGS

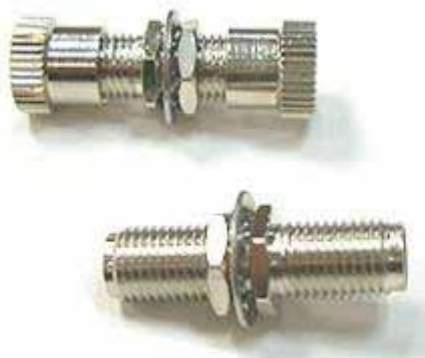


SC simplex adaptor

For any questions or suggestions please contact our Customer Service. E-mail: info@titanaccs.com

STANDARD TYPE ADAPTER

SC SIMPLEX ADAPTOR



Item	S.M[Zroz]	MM[P.B]
Insertion Loss	≤0.20dB	≤0.30dB
Return Loss	≥45 dB	
Plug and Unplug Force(g/f)	200-600	
Mating Durability(500 times)	Additional Loss ≤0.10dB, Return Loss Variability <5 dB	
Temperature Stability (-40°C to + 85°C)	Additional Loss ≤0.20dB, Return Loss Variability <5 dB	
Working voltage	335V r.m.s(50Ω) at sea level	
Withstanding voltage	1000V(50Ω) r.m.s at sea level	
Frequency range	DC ~ 12.4GHz (Semi-rigid cable DC - 13GHz)	
Operating Temperature	-55°C to + 155°C (PE cable -40°C to + 85°C)	

STANDARD TYPE ADAPTER

SC SIMPLEX ADAPTOR



Item	S.M(Zroz)	MM(P.B)
Insertion Loss	≤0.20dB	≤0.30dB
Return Loss	≥45 dB	
Plug and Unplug Force(g/f)	200-600	
Mating Durability(500 times)	Additional Loss ≤0.10dB, Return Loss Variability <5 dB	
Temperature Stability (-40°C to + 85°C)	Additional Loss ≤0.20dB, Return Loss Variability <5 dB	
Working voltage	335V r.m.s(50Ω) at sea level	
Withstanding voltage	1000V(50Ω) r.m.s at sea level	
Frequency range	DC ~ 12.4GHz (Semi-rigid cable DC - 13GHz)	
Operating Temperature	-55°C to + 155°C (PE cable -40°C to + 85°C)	