

FAST CONNECTOR
SINGLE MODE APC FAST CONNECTOR

For SC/APC Product Code: FO-0302SMA353Q

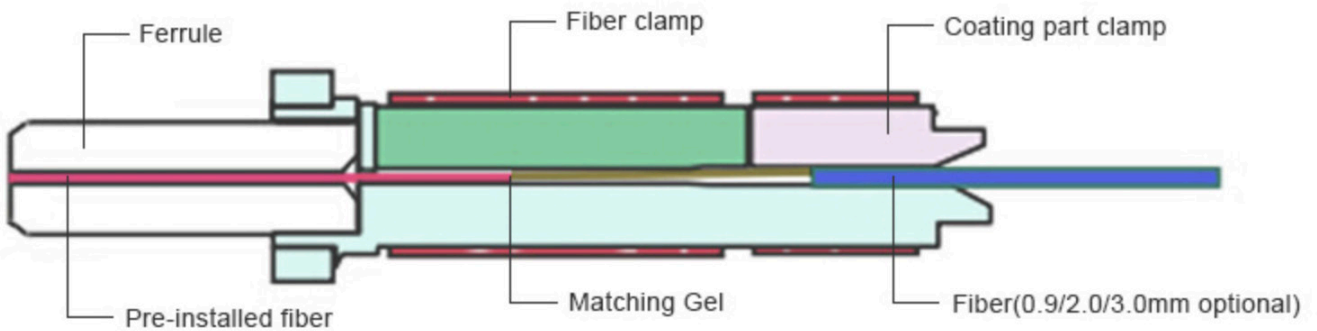
For SC/UPC Product Code: FO-0302SMU353Q

APPLICATIONS

CATV, CCTV, FTTX, FTTH, Telecommunication Networks,
 Active Device Termination, Local Area Networks (LANs),
 Video, Data Processing Networks
 Wide Area Networks(WANs)
 Premise Installations
 Industrial and Medical



DATASHEET



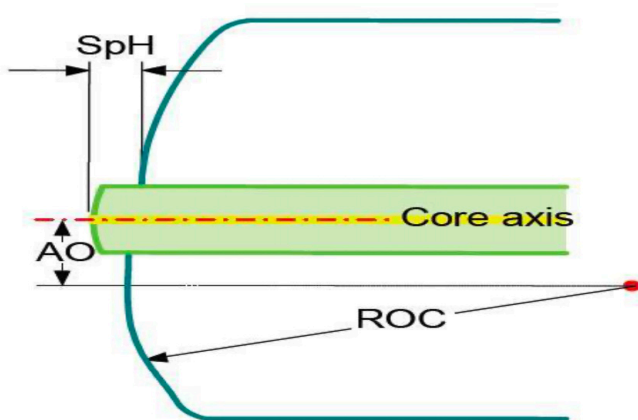
ITEMS	TEST COMDITION	VALUE
OPTICAL PERFORMANCE	Insertion Loss (1310nm&1550nm)	<0.2dB(typical) /0.3dB (Max)
	Return Loss (1310nm&1550nm)	UPC ≥-50 dB - APC≥-60 dB
Environmental Performance (Max. Insertion Loss Change)	Temperature cycle -40 ° ~ +75 ° (96 hours)	<0.3dB
Mechanical Performance (Max. Insertion Loss Change)	Online tension 20N- 10N	<0.3dB
	Impection3 axis/3times 4m high	<0.3dB
	Repeated operation times	5

FAST CONNECTOR

General Features

Connector Type	SC (PC or UPC)	LC (PC or UPC)	SC/APC	LC/APC
Insertion Loss	0,2 dB	0,2 dB	0,2 dB	0,1 dB
Reflection Loss	≥ -50 dB	≥ -50 dB	≥ -60 dB	≥ -60 dB
Operating Temperature	-40°C / +75°C	-40°C / +75°C	-40°C / +75°C	- 40°C / +75°C
Storage Temperature	-40°C / +85°C	-40°C / +85°C	-40°C / +85°C	-40°C / +85°C
Ferrule	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic
Alignment Sleeve	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic
Flame Retardant	UL – 94 V-O	UL – 94 V-O	UL – 94 V-O	UL – 94 V-O
Durability	Mating cycles > 1000	Mating cycles > 1000	Mating cycles > 1000	Mating cycles > 1000
Color	Blue	Blue	Green	Green

Surface Geometric Features



Specifications	Value Provided
Radius Of Curvature(R) mm	10
Apex Offset (AO) μm	0
Spherical Fiber Height (SpH) nm	$-50 \leq \text{SpH} \leq 50$