



OVERVIEW

Zemecs Singlemode SC/APC pigtails comply with ITU-T G.652.D, ANSI/TIA 568-3.D, EIA/TIA 492-CAAA, IEC 60874, IEC 61754 and ISO/IEC 11801 standards. They enable splicing up to 10G fiber optic backbones inside panels or splice/distribution enclosures for indoor or outdoor use.

MATERIAL SPECIFICATIONS

COMPONENT	TYPE	MATERIAL	COLOUR
Connector	SC	Termoplastics	Green
Boot	N/A	Polyester	Green
Ferrule	N/A	Zirconia Ceramic	N/A
Jacket	Coated Fiber	LSOH	Yellow

PHYSICAL SPECIFICATIONS

Mod Field Diameter @1310nm. / 1550nm.	9,20 / 10,40	µm., Max.
Outer Diameter	0,90± 0,05	mm.
Length	1	m.

MECHANICAL SPECIFICATIONS

Bending Radius	30	mm., Min.
Pulling Tension Strength (IEC 60794-E1)	6(60)	Kg.(N.), Min.
Durability	1.000	Cycles
Crush Strength (IEC 60794-E1)	500	N./m.

FEATURES

- Return loss ≥60 dB
- LSOH (IEC 60332-1) jacket
- -40°C / +85 °C operation temperature
- RoHS 2011/65/EU compliant



OPTICAL SPECIFICATIONS

Insertion Loss @1310nm.	0,30	dB., Max.
Return Loss	60	dB., Min.
Attenuation @1310nm.	0,34	dB., Max.
@1550nm.	0,25	

APPLICATIONS

- Splicing in 10G and 1G fiber optic networks
- FTTx

ENVIRONMENTAL SPECIFICATIONS

Transportation and Storage Temperature	-40 / +85	°C
Installation Temperature	-40 / +85	°C
Operation Temperature	-40 / +85	°C
Relative Humidity	10 - 90, Non-condensing	%

COMPLIANCE

Generic Cabling And Cabling Components Standards			
• ITU-T G.652.D	• IEC 60874-1	• IEC 60754-2	
• ANSI/TIA 568-3.D	• IEC 61754-4	• IEC 61034	
• ISO/IEC 11801	• IEC 60794	• IEC 60793-2	
Standards For The Restriction Of Use Of Hazardous Substances In Electrical And Electronic Equipments			
• 2011/65/EU (RoHS-2)			

PART NUMBER CODING

Part Nr.	Product Description
F3SD-3Z1A	Zemecs Singlemode SC/APC LSOH Pigtail, 1m.*

* May be delivered at different lengths on demand.