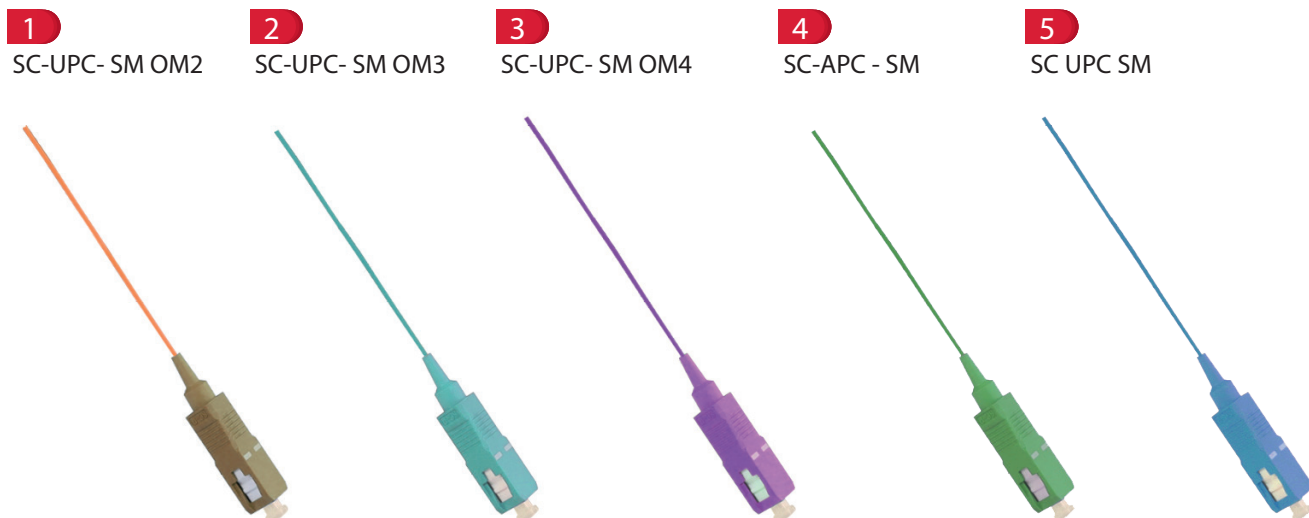


SC PIGTAIL SERIES



FEATURES

The ERAT Cable Fiber Optic Pigtail Series consists of high-performance fiber optic connectivity solutions terminated at one end. These products are available with SC/UPC and SC/APC connector options, and can also be manufactured with other connector types upon request.

Manufactured using Singlemode OS2 (9/125) and Multimode OM2, OM3, OM4 (50/125) or 62.5/125 fiber types, these pigtails are available in either 250 μ m bare fiber or 900 μ m tight-buffered configurations, with various color and outer jacket options.

Produced using factory-based manufacturing techniques in compliance with ANSI/TIA-568.3-D and IEC 61754 standards, the ERAT Cable Fiber Optic Pigtail Series ensures low insertion loss and high connection performance in splicing applications.

**** Backed by a 25-year system performance warranty when installed as part of a complete ERAT structured cabling system.**

PARAMETERS				
Unit	Model	PC	UPC	APC
Connector Loss	SM	$\leq 0.25\text{dB}$	$\leq 0.20\text{dB}$	$\leq 0.15\text{dB}$
	MM	$\leq 0.30\text{dB}$	$\leq 0.20\text{dB}$	$\leq 0.30\text{dB}$
Return Loss	SM	$\geq 45\text{dB}$	$\geq 55\text{dB}$	$\geq 65\text{dB}$
	MM	$\geq 35\text{dB}$	$\geq 35\text{dB}$	$\geq 35\text{dB}$
Operating Temperature	-40°C ile $+75^{\circ}\text{C}$			
Durability	$\leq 0.1\text{ dB}$ ($\leq 0.2\text{ dB}$ typical change), 500 mating cycles			
Accessible Wavelength	MM - $\lambda=850\text{-}1300\text{ nm}$, SM - $\lambda=1310\text{ \& }1550\text{ nm}$			
Structural Member	Aramid			



SC PIGTAIL SERIES



APPLICATIONS, ORDERING INFORMATION, STANDARDS	
Features	• Ferrule Material: Zirconia Ceramic
Areas of Use	• CATV, Metro, and LAN networks • FTTH, GPON, WDM, DWDM, and PON networks • Data centers • Telecommunication networks • Industrial, healthcare, and military applications • ATM and WDM systems
Order Options	• Simplex (SX) optical fiber configuration with 12 color-coded cable options • 12 boot color options • Cable diameter: 0.9 mm • Custom packaging and barcode labeling available upon request • ERAT Fiber Optic Pigtailes are manufactured in custom lengths using Singlemode (OS1, OS2) and Multimode (OM1, OM2, OM3, OM4) optical fibers with LSZH or PVC outer jackets.
Standards	• SM:G652D, G657A2/B3, G655 • SC IEC 61754-4 • IEC 60793-2 • TIA 492CAAC • TIA 492CAAB • TIA 492AAAA • IEC 60304 • SC/APC IEC 61754-14