

Fixed Ruggedized Fiber Launch Cable

Designed for qualification and troubleshooting of fiber networks

Features

- **Robust pigtails:** Micro-armored jumper cordage for superior strength and durability.
- **Rugged connector:** Shuttered, retractable cover to prevent ferrule damage for device under test.
- **Compact construction:** Take less space in test cases and bags.
- **Flexible/bendable boots:** Assists with routing fiber cable exiting connectors.

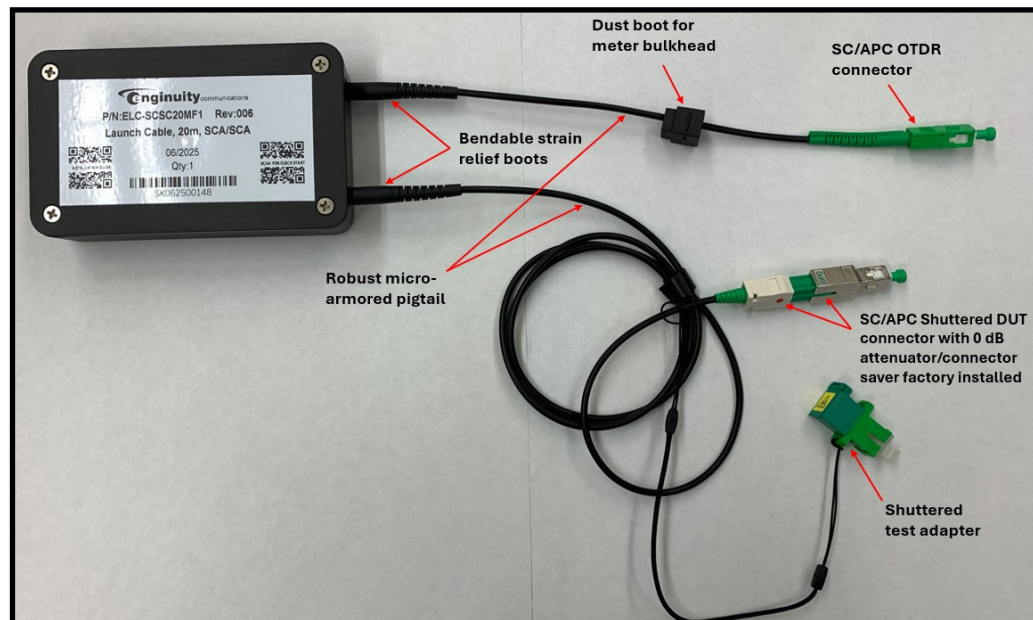
The Engenuity Fiber Launch Cable (ELC) isn't your typical fiber launch cable. The ELC is designed to extend the service life of the fiber launch cable .

The ELC is engineered for long service life by incorporating robust micro-armored jumper cordage for improved durability during day-to-day usage. The shuttered, device under test (DUT) SC/APC connector helps protect the connector endface when not connected to equipment. Adding a female-male SC adapter onto the DUT pigtail (included) enables the swap-out of only the adapter should connector endface damage occur; reducing the interval between launch cable replacement.



Fixed Ruggedized Launch Cable Assembly

Features



Specifications

	UoM	ELC-SCSC20MF1	ELC-SCSC150MF1
Overall Fiber Length (nom.)	meter	20	150
Fiber Count		1	1
Jumper Length			
- Input (towards OTDR)	inch	10	10
- Output (towards EUT)		47	47
Return Loss (typ)	dB	≥65 (APC)	≥65 (APC)
Insertion Loss (typ.) 1310/1550	dB	≤0.3	≤0.3
Fiber Type		SMF, G.657.B3	SMF, G.657.B3
Housing Dimensions	inch	4.92L x 2.93W x 1.10D	4.92L x 2.93W x 1.10D
Weight	lbs	0.55	0.55

Ordering Information

Engenuity Part Number	Description
ELC-SCSC20MF1	Launch Cable, fixed configuration, ruggedized, SMF G.657.B3, SC/APC-SC/APC, micro-armor, 20 meters, shuttered SC-SC adapter with lanyard, SCA-SCA female-male connector saver 0dB attenuator
ELC-SCSC20MF5	Package of 5, ELC-SCSC20MF1
ELC-SCSC150MF1	Launch Cable, fixed configuration, ruggedized, SMF G.657.B3, SC/APC-SC/APC, micro-armor, 150 meters, shuttered SC-SC adapter with lanyard, SCA-SCA female-male connector saver 0dB attenuator
ENG-ATNSCA0-2	Connector Saver, 0dB attenuator, in-line, SC/APC-SC/APC, low-loss 0.25dB, female-male, 2-pack
ENG-SASCAL-10	Adapter, shuttered, lanyard, SC/APC-SC/APC, female-female, 10-pack