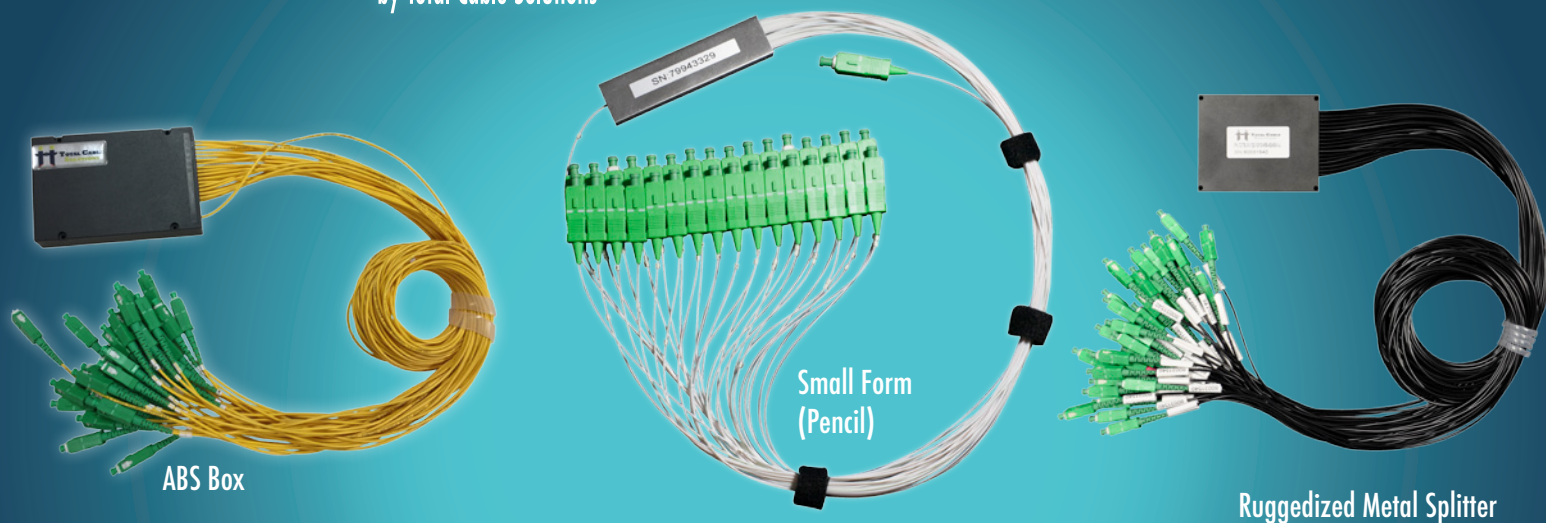


IN LINE SPLITTERS

by Total Cable Solutions



Bend Insensitive Fiber

Reduces risk of breakage during installation

Multiple Packages Available

Available in pencil, plastic and metal variations

In-Stock Inventory

TCS stocks most variations of PLC splitters, cutting down lead time and keeping you up and running

Available Unterminated

No connectors, making it perfect for splice enclosures

Industry Standard

Telcordia GR-326-CORE, GR-1209-CORE & GR-1221-CORE
ITU-T G.671/2012, IEC 61753/ ITU-T G.671
TIA/EIA-568-C.3
IEEE 802.3z
RoHS Compliant 

Jackets

- 900 μ m – on small form (pencil)
- 2mm on plastic and metal boxes

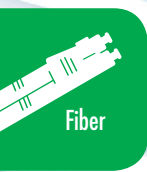
Features

- Easy installation
- Customer - defined specifications
- Low insertion loss
- High uniformity
- High reliability
- Fiber Type: BIF- Bend Insensitive Fiber (High Bend Radius) > G.657.A1 
- Batch testing by Dorc Machine
- Customization: Length, packaging, bar coding, labeling, stocking programs, color and style of cable

Applications

- Fiber to the home
- Metro
- Network protection
- Monitoring
- Access/PON distribution
- GPON
- CATV





ITEMS	2xN Splitters					
Type	2x2	2x4	2x8	2x16	2x32	2x64
Insertion Loss, dB	≤ 4.2	≤ 7.6	≤ 10.9	≤ 14.2	≤ 17.5	≤ 21.5
Uniformity, dB	≤ 0.8	≤ 1.0	≤ 1.2	≤ 1.50	≤ 1.80	≤ 2.0
Operating Wavelength, nm	1260 ~ 1650					
Directivity, dB	≥ 55					
Optical Input Return Loss, dB	≥ 55					
Polarization Dependent Loss, dB	≤ 0.3					
Storage Temperature, °C	-40 ~ 85 *					
Operating Temperature, °C	-40 ~ 85 *					
Connectors	SC, SC/APC, LC, LC/APC, ribbon, or others					

* -20°C ~ +70°C for 900µm, 2.0mm, or 3.0mm cable

ITEMS	1xN Splitters					
Type	1x2	1x4	1x8	1x16	1x32	1x64
Insertion Loss, dB	≤ 4.2	≤ 7.4	≤ 10.7	≤ 13.7	≤ 16.9	≤ 21.5
Uniformity, dB	≤ 0.6	≤ 0.8	≤ 1.0	≤ 1.2	≤ 1.5	≤ 2.0
Operating Wavelength, nm	1260 ~ 1650					
Directivity, dB	≥ 55					
Optical Input Return Loss, dB	≥ 55					
Polarization Dependent Loss, dB	≤ 0.3					
Storage Temperature, °C	-40 ~ 85 *					
Operating Temperature, °C	-40 ~ 85 *					
Connectors	SC, SC/APC, LC, LC/APC, ribbon, or others					

NOTE: Loss does not include connector loss

ORDERING INFORMATION

○ - TS - - - - / - WB - / - -

1 2 3 4 5 6 7 8 9 10

1 FIBER TYPE (INPUT)

C = SM Bare Fiber
L = SM 900µm tube
S = Modulized
X = Others (please specify)

2 FIBER TYPE (OUTPUT)

C = SM Bare Fiber
L = 50cm Bare Fiber +
900µm Ribbon fan-out
H = 900µm Tube w/ fan-out
X = Others (please specify)

3 INPUT PORT

1 = 1 x N
2 = 2 x N

4 OUTPUT PORT

02 = 2 Ports
04 = 4 Ports
08 = 8 Ports
16 = 16 Ports
32 = 32 Ports
64 = 64 Ports
XX = Others (please specify)

5 INPUT FIBER LENGTH

10 = 100cm
15 = 150cm
00 = Modulized
XX = Others (please specify)

6 OUTPUT CABLE LENGTH

10 = 100cm
20 = 200cm
00 = Modulized
XX = Others (please specify)

7 CONNECTOR TYPE (INPUT)

LC = LC
SC = SC
E2 = E2000
MU = MU
SC = SC
E2 = E2000
MU = MU
XX = Others (please specify)

AL = LC/APC
AS = SC/APC
AE = E2000/APC
NC = None

LC = LC
SC = SC
E2 = E2000
MU = MU
SC = SC
E2 = E2000
MU = MU
XX = Others (please specify)

AL = LC/APC
AS = SC/APC
AE = E2000/APC
NC = None

9 PACKAGE OPTION

2 = 40(L) x 4.0(W) x 4.0(H) for 1(2)x2, 1x4, 1x8, 1x16
3 = 50(L) x 7.0(W) x 4.0(H) for 1x32
4 = 55(L) x 7.0(W) x 4.0(H) for 2x16, 2x32
5 = 45(L) x 5.0(W) x 4.0(H) for 2x4, 2x8
6 = A6 plastic box (120x80x18mm) with pigtails
7 = A5 plastic box (141x115x18mm) with pigtail (for 1x32)
0 = Modulized (with Adapters)
B = 65(L)x12(W)x4.0(H) for 1x64
D = 65(L)x12(W)x4.0(H) for 2x64
A = 60(L)x12(W)x4.0(H) for small form 1(2)x16 900µm tube
8 = 55(L)x7(W)x4.0(H) for small form 1(2)x2, 1(2)x4, 1(2)x8 900µm tube
E = 80(L)x20(W)x6.0(H) for small form 900µm tube (1(2)x32)
M = Ruggedized Metal Dimensions: 98.4(L)x79.4(W)x9.5(H)

10 PACKAGE

J = B.I.F.