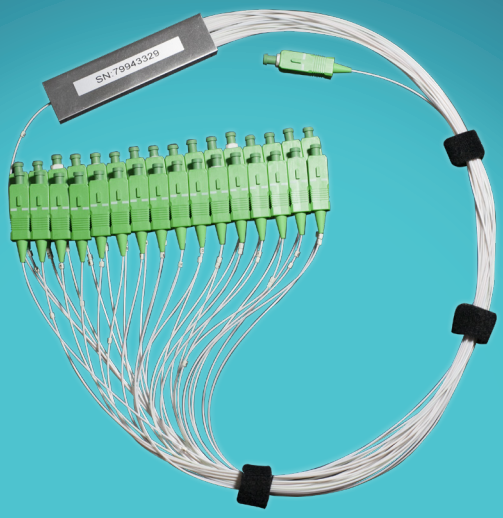
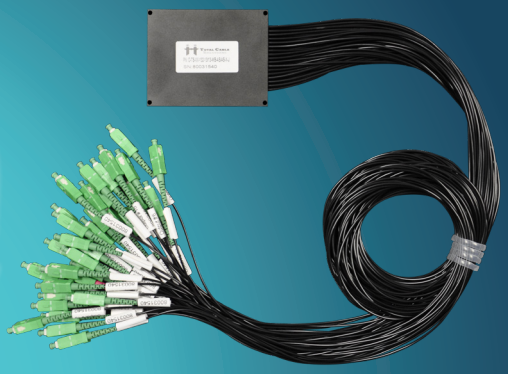
In-Line Fiber Optic

Splitters

ABS Box



Small Form (Pencil)



Ruggedized Metal Splitter

- **Bend Insensitive Fiber** — Reduces risk of breakage during installation
- **Multiple Packages Avaliable** — Avaliable 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
- **Avaliable 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 µm - 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 BIF
- 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

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Splitters

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

O - 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
SC = SC
E2 = E2000
MU = MU
XX = Others (please specify)
AL = LC/APC
AS = SC/APC
AE = E2000/APC
NC = None

8 CONNECTOR TYPE (OUTPUT)

LC = LC
SC = SC
E2 = E2000
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 900 tube
8 = 55(L)x7(W)x4.0(H) for small form 1(2)x2, 1(2)x4, 1(2)x8 900 tube
E = 80(L)x20(W)x6.0(H) for small form 900 tube (1(2)x32)
M = Ruggedized Metal Dimensions: 98.4(L)x79.4(W)x9.5(H)

10 PACKAGE

J = B.I.F.