

CABLE ASSEMBLY
EC1WR-ZFSGT-XXX

WHERE:
 'W' = FIBER TYPE (TABLE 1)
 'R' = ASSEMBLY TYPE (TABLE 2)
 'Z' = CABLE JACKET SIZE (TABLE 3)
 'F' = CONNECTOR TYPE, SIDE A (TABLE 4 & NOTE 1-3)
 'S' = CONNECTOR POLISH, SIDE A (TABLE 5)
 'G' = CONNECTOR TYPE, SIDE B (TABLE 4)
 'T' = CONNECTOR POLISH, SIDE B (TABLE 5)
 'XXX' = ASSEMBLY LENGTH IN METERS (NOTE 1-1)

TABLE 1

'W' FIBER TYPE	'R' ASSEMBLY TYPE
1 SINGLEMODE	7 JUMPER, ZIPCORD, OFNR
2 50/125µm	8 JUMPER, ZIPCORD, OFNP
3 62.5/125µm	9 JUMPER, ZIPCORD, LSZH

TABLE 2

'Z' CABLE JACKET SIZE	'F' CONNECTOR TYPE
2 2.0mm	1 LC, SIMPLEX
3 3.0mm	2 LC, DUPLEX
6 1.6mm	3 SC, SIMPLEX
	4 SC, DUPLEX
	6 ST DIE-CAST
	9 FC

TABLE 5

'S' CONNECTOR POLISH	'T' CONNECTOR POLISH
P PC	U UPC

TABLE 6

ASSEMBLY LENGTH (m)	TOLERANCE (m)
'XXX' ≤ 1.00	+0.05/-0
1.00 < 'XXX' ≤ 5.00	+0.10/-0
5.00 < 'XXX' ≤ 12.00	+0.25/-0
12.00 < 'XXX'	+2%/-0

WIRING TABLE

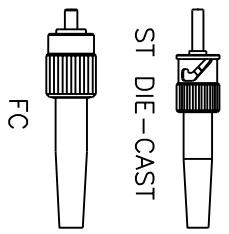
FIBER	SIDE A CLIP #1	SIDE B CLIP #2
A	A	B
B	B	A

NOTES:
 1-1) ASSEMBLY LENGTH IN METERS IS SPECIFIED BY 'XXX' IN THE PART NUMBER. SEE TABLE 6 FOR ASSEMBLY TOLERANCES. ALL ASSEMBLY LENGTHS ARE SPECIFIED FROM TIP OF FERRULE TO TIP OF FERRULE.
 1-2) ASSEMBLY IS ROHS COMPLIANT.
 1-3) ALWAYS USE THE LOWER NUMBER FROM TABLE 4 FOR THE SIDE A CONNECTOR VERSUS THE SIDE B CONNECTOR.
 FOR EXAMPLE: SC/UPC TO FC/UPC JUMPER PART NUMBER IS EC117-33U9U-005.
 1-4) FOR DUPLEX CONNECTORS, WIRING IS "A TO B" AND "B TO A".
 1-5) FOR S/M ASSEMBLIES:
 UPC: IL ≤ 0.3dB RL > 55dB
 1-6) FOR M/M ASSEMBLIES:
 PC: IL ≤ 0.5dB

DRAWING CAN BE CHANGED WITHOUT NOTICE

EC SERIES CABLE ASSEMBLIES (FOR DATAKOM APPLICATIONS)

REV 10-1-07



NOTE:
 CONNECTOR IMAGES ARE NOT TO SCALE