



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)

NOTES:

- 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. ASSEMBLY IS ROHS COMPLIANT.
- 2) ALWAYS USE THE LOWER NUMBER FROM TABLE 4 FOR THE SIDE A CONNECTOR VERSUS THE SIDE B CONNECTOR.
- 3) FOR EXAMPLE: SC/UFC TO FC/UFC JUMPER PART NUMBER IS EC114-33U9U-005.
- 4) FOR S/M ASSEMBLIES:
UPC: IL ≤ 0.3dB RL > 55dB
APC: IL ≤ 0.5dB RL > 65dB
- 5) FOR M/M ASSEMBLIES:
PC: IL ≤ 0.5dB

DRAWING CAN BE CHANGED WITHOUT NOTICE

TABLE 1

'W' FIBER TYPE	FIBER MODE
1	SINGLEMODE
2	50/125µm
3	62.5/125µm

TABLE 2

'R' ASSEMBLY TYPE	JUMPER, SIMPLEX, OFNR
4	JUMPER, SIMPLEX, OFNR
5	JUMPER, SIMPLEX, OFNP
6	JUMPER, SIMPLEX, LSZH

TABLE 3

'Z' CABLE JACKET SIZE	CABLE JACKET SIZE
2	2.0mm
3	3.0mm
6	1.6mm
9	900µm

TABLE 4

'F' CONNECTOR TYPE	CONNECTOR TYPE
1	LC, SIMPLEX
3	SC, SIMPLEX
6	ST DIE-CAST
9	FC

NOTE:
CONNECTOR IMAGES ARE NOT TO SCALE

TABLE 5

'S' CONNECTOR POLISH	CONNECTOR POLISH
P	PC
U	UFC
A	APC

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



EC SERIES CABLE ASSEMBLIES (FOR DATACOM APPLICATIONS) REV 10-1-07