

**GEM PARAMETERS
FIBER OPTIC PATCH CORD**

1.0 PRODUCT SPECIFICATIONS

a)	Connector Type, Connector End A	SC
b)	Connector Type, Connector End B	ST
c)	Cable Type	Duplex
d)	Fiber Type	Multimode 62.5/125 micron, Single Mode 9/125 micron
e)	Cable Size, Outer Dia.(in mm)	1.8 For Single Mode, 1.2 for Multi-Mode
f)	Cord Length (in M)	3.0
g)	Jacket Material (Sheath Material)	LSZH
h)	Cable Colour	Any Value
i)	Operating Temperature	-10 deg. C to +60 deg. C
j)	Connector Insertion Loss, Max. (In DB)	0.3
k)	Connector Return Loss, Min. (In DB)	50
l)	Material of Ferrule	Zirconia Ceramic, Pre-radiused and pre polished
m)	Durability	200 Mating cycle(Min.)

ADDITIONAL PARAMETERS

S.No.	Specification Parameter Name	Bid Requirement (Allowed Values)
1	Quality Control	Tested in accordance with ANSI/TIA/EIA-455-171-A- 2001 attenuation standards