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DUCPHAT® SC/SC Duplex OM2 Patch Cords

DUC PHAT Multimode Patch Cords are high quality patch cords used for high speed local area networks. These multimode patch cords are manufactured using PVC or LSZH jackets which conform to IEC & TIA standards. The patch cords are terminated with multiple high quality connector types which give optimum optical performance.

DUCPHAT® OM2 SC to SC multimode duplex fiber optic patch cords are assembled with data center grade duplex SC connectors and DUCPHAT OM2 fiber; making these high bandwidth patch cords optimally suited for high speed 1 Gig networks.



Features

- * All assemblies are machine polished providing highest quality
- * Multimode 50/125um 1G OM2 fiber optic cables
- * Insertion loss per connection: 0.15dB typical; 0.30dB maximum
- * Patch cords are tested to support network transmission speeds up to 1 Gb/s for link lengths up to 300 meters with an 850nm source

Applications

- * High speed LAN, MAN, WAN networks and Data Centers
- * CATV / VIDEO / WDM / DWDM / FTTx / ATM, SONET & WDM
- * FTTH, FTTx and Passive Optical Networks PON
- * High speed multi channel video, data and voice services in metropolitan and access networks

Technical Properties

- * Connector types: SC - SC
- * Jacket: PVC or LSZH
- * Insertion Loss: Multimode $\leq 0.15\text{dB}$ typical / $\leq 0.30\text{dB}$ maximum
- * Return Loss : PC $\leq 35\text{dB}$
- * Polish Type: PC
- * Operating Temperature: -40 to +85°C
- * Flammability: IEC 60332 Part 3 with LSZH

Standards Compliance

- * Fire retardant (IEC 60332-3) with LSZH
- * Corrosion resistant (IEC 60754-2) with LSZH
- * Compliant to TIA 604-5 and IEC 61754-7
- * Standards ISO/IEC 11801 / Cenelec EN 50173-1 / TIA-568 C.0
- * Data Center Cenelec EN 50173-5 / ISO/IEC 24764/ TIA-942
- * Ethernet IEEE 802.3; 10/40/100GbE
- * RoHS-6 Compliant

Benefits

- * Low insertion loss / Low reflectance
- * Flawless end face
- * Excellent environmental stability and reliability
- * (All specifications are in accordance to GR-326-CORE)

Ordering Information

Item	Item
Jumper Cord	DP-JC-AB/AB-C-D-E-F-G

A	Connector type
SC	SC Connector
FC	FC Connector
ST	ST Connector
LC	LC Connector
MTRJ	MTRJ Connector

B	Polishing
Blank	PC type
AC	APC type

C	Fiber type
SM	Single mode (SM), G.652
S5	Single mode (SM), G.655
S7	Single mode (SM), G.657
M1	Multi mode (OM1)
M2	Multi mode (OM2)
M3	Multi mode (OM3)
M4	Multi mode (OM4)

D	Cable Diameter
09	0.9mm
20	2.0mm
24	2.4mm
30	3.0mm

E	Connector type
SP	Simplex Cord
DP	Duplex Zip Cord

F	Cable Jacket
V	PVC
Z	LSZH

G	Length (M)
005	0.5m
10	1m
100	10m

* Other lengths available on request *

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