Datasheet

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DUCPHAT® SC/LC Duplex OS2 Patch Cords - UPC

DUC PHAT manufactures a wide range of factory terminated and tested fiber optic patch cords. Available in various fiber types and fiber/cable constructions and connector options, our factory-based assembly and machine connector polishing systems ensure excellence in performance, inter-connectability and durability. All patch cords are 100% tested using standards-based testing procedures.

DUCPHAT® single patch cords are high-performance, high-quality patch cords used for LAN's, Datacenters, Telecom & FTTx networks, and also high speed metropolitan and WAN networks. The DUCPHAT® patch cords are manufactured using PVC cable which conforms to IEC & TIA standards. The patch cords are terminated with the highest quality connectors, giving them optimum optical performance and reliable repeatability.

Features

* Connector types available LC/SC/ST/FC/MTRJ/MTP/MPO
* 100% end face inspected & compliance with GR-326-CORE
* High-quality, machine polished connectors for consistent low loss performance
* Short buffer style connector boots for ease of fiber management in high density applications
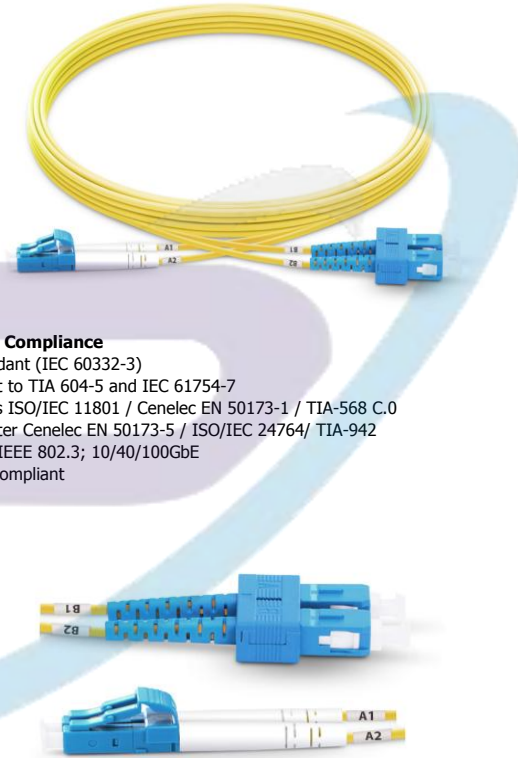
Applications

* 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 - LC
* Jacket: PVC or LSZH
* Insertion Loss: Singlemode: ≤ 0.15dB typical / ≤ 0.30dB maximum
* Return Loss Singlemode: APC ≤ 35dB / UPC ≤ 35dB / PC ≤ 35dB
* Polish Type: UPC
* Operating Temperature: -40 to +85°C

Standards Compliance

* Fire retardant (IEC 60332-3)
* 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

Ordering Information

Item	Part Number Scheme
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
010	1m
030	3m
050	5m
100	10m
150	15m
200	20m
500	50m

* Other lengths available on request *