

Cassette Fibra Óptica / 12 Fibras Monomodo OS2 / MPO a 6 LC Duplex / Polaridad A / Azul

SKU: FHC9N-12-10AS Marca: PANDUIT Categoría: Distribuidores de Fibra Óptica

Garantía: 3 años

$14,708.83

Precios con IVA incluido

DESCRIPCIÓN

Los cassettes de fibra óptica HD Flex ofrecen soluciones modulares para la transición entre infraestructuras MPO y conectores LC duplex en redes de alta densidad. Este modelo gestiona 12 fibras monomodo OS2 mediante un conector MPO macho en la parte posterior y seis adaptadores LC duplex azules en el frente, incorporando protectores anti-contaminación para preservar la integridad óptica. La configuración de polaridad A con alineación key-up a key-down asegura la continuidad correcta de la traza sin inversiones en el empalme. Diseñado para soportar Ethernet y Fibre Channel, el cassette optimiza la gestión del cableado, acelera el despliegue y reduce los costos de instalación en centros de datos. Su construcción garantiza 500 ciclos de durabilidad en un rango operativo de 0 °C a 70 °C.

Características Generales
Sistema de transición MPO a LC para 12 fibras monomodo OS2
6 adaptadores LC duplex azules con protectores anti-contaminación
Conector MPO macho negro, configuración key-up a key-down (Polaridad A)
Durabilidad mecánica: 500 ciclos de inserción
Rango de temperatura operativa: 0 °C a 70 °C
Compatible con ISO/IEC 11801, ANSI/TIA-568-C.3 y RoHS
Apto para despliegues Ethernet y Fibre Channel

Conectividad y Desempeño
Tipo de fibra: Monomodo OS2
Capacidad: 12 fibras
Conexión frontal: 6 adaptadores LC duplex
Conexión posterior: 1 conector MPO macho
Polaridad: Método A (key-up a key-down)
Durabilidad mecánica: 500 ciclos
Temperatura de operación: 0 °C a 70 °C

Especificaciones Físicas
Color de adaptadores LC: Azul
Color de conector MPO: Negro
Protectores: Anti-contaminación integrados
Formato: Cassette modular HD Flex

Normativas y Aplicaciones
ISO/IEC 11801
ANSI/TIA-568-C.3
Directiva RoHS
Aplicaciones: Redes Ethernet y Fibre Channel

ESPECIFICACIONES

Característica 1	**Módulo de interconexión para paneles de alta densidad**
Característica 2	**Tapas protectoras que previenen contaminación en puertos de conexión**
Característica 3	**Alineación key-up/key-down que previene errores de polarización**
Característica 4	**Rendimiento de 500 ciclos entre 0 °C y 70 °C**
Característica 5	**Certificación bajo TIA-568-C.3, ISO/IEC 11801 y normativa RoHS**
Característica 6	**Soporta redes Ethernet y Fibre Channel en infraestructura de datos**

MEMORIA TÉCNICA · FHC9N-12-10AS

Número de parte de esta ficha: FHC9N-12-10AS. La información corresponde a esta variante.

HD Flex
?
- Fiber Optic Cassettes
construction
Fiber types: Multimode: OM3 50/125µm
- OM4 50/125µm
- OM4+ Sig Core 50/125µm
Singlemode: OS2 9/125µm
Front
connectivity:
LC, LC/APC Duplex Adapters (Shuttered)
SC, SC/APC Duplex Adapters MPO Adapters
(Key-up to Key-up, Key-up to Key-down)
Rear
connectivity:
MPO Adapter with MPO male connector
MPO Adapters (Key-up to Key-up Method B,
Key-up to Key-down Method A)
12-fiber and 24-fiber for splicing (ribbon, 250µm)
environmental properties
Operating
temperature:
0°C – 70°C
(32°F – 158°F)
Storage and
shipping
temperature:

-40°C – 70°C
(-40°F – 158°F)
Installation
temperature:
0°C – 60°C
(32°F – 140°F)
technical information
HD Flex Fiber Optic Cassettes offer a wide array of deployment
options to support both Ethernet and Fibre Channel networks.
Cassettes are available in 4-port, 6-port, and 12-port configurations
with several connector options on the front and back of the
cassettes. Splice cassettes and adapter/coupler modules are
also available.
applications
Allows system designers to tailor configuration, reach and breakout construction to application requirements; to minimize waste, optimize cable
management, speed deployment, and improve flexibility and manageability for lower installation costs.
performance properties
Insertion loss:Multimode: Optimized Cassette and Breakout
- Cassette: 0.5dB
- Ultra Low Loss Cassette and
- Breakout Cassette: 0.35dB
- Optimized Loss Splice
- Cassette: 0.15dB plus splice loss
- Ultra Low Loss Splice
- Cassette: 0.10dB plus splice loss
Singlemode: Standard (1) 24F MPO
- Cassette: 1.2dB
- Standard Cassette and Breakout
- Cassette: 0.75dB
- Standard Loss Splice
- Cassette: 0.35dB plus splice loss
Return loss:
(per fiber)
Multimode: >26dB (LC)
Singlemode: >55dB (LC)
- >65dB (LC/APC)
Connector
durability:
Connectors meeting ANSI/TIA-586C.3
Durability: 500 mating cycles
Fiber count: 24 (cassette and tethered cassette)
24 (splice cassettes)
24 discrete splice, 48 ribbon splice (splice only)
Split sleeve
material:
Zirconia ceramic
standards
Meets or
exceeds:
ISO/IEC 11801, ANSI/TIA-568-C.3, TIA-604-5
(FOCIS-5), TIA-604-10 (FOCIS-10), RoHS
Compliant
- HD Flex
?
- Fiber Optic Cassettes
6-port, 12-fiber
(1 MPO)
12-port, 24-fiber
(2 MPOs)
12-port, 24-fiber
(1 MPO24)
OM4 Fiber/Optimized Loss – LC
Method A polarity. FHCZO-12-10AS FHCZO-24-10AS –
Modified Method A polarity (pair flipped). FHCZO-12-10AF FHCZO-24-10AF FHCZO-24F-10A
Universal polarity (B). FHCZO-12-10U FHCZO-24-10U –
OM4+ Signature Core Fiber/Ultra Low Loss – LC
Method A polarity. FHCSA-12-10AS FHCSA-24-10AS –
Modified Method A polarity (pair flipped). FHCSA-12-10AF FHCSA-24-10AF –
Universal polarity (B). FHCSA-12-10U FHCSA-24-10U –
OM4 Fiber/Ultra Low Loss – LC
Method A polarity. FHCZ A-12-10AS FHCZA-24-10AS –
Modified Method A polarity (pair flipped). FHCZ A-12-10AF FHCZA-24-10AF –
Universal polarity (B). FHCZ A-12-10U FHCZ A-24-10U –
OM3 Fiber/Optimized Loss – LC
Method A polarity. FHCXO-12-10AS FHCXO-24-10AS –
Modified Method A polarity (pair flipped). FHCXO-12-10AF FHCXO-24-10AF FHCXO-24F-10A
Universal polarity (B). FHCXO-12-10U FHCXO-24-10U –
OS2 Fiber/Standard Loss – LC
Method A polarity. FHC9N-12-10AS FHC9N-24-10AS –
Modified Method A polarity (pair flipped). FHC9N-12-10AF FHC9N-24-10AF FHC9N-24F-10A
Universal polarity (B). FHC9N-12-10U FHC9N-24-10U –
OS2 Fiber/Standard Loss – LC/APC
Method A polarity. FHC9N-12-LAAS FHC9N-24-LAAS –
Modified Method A polarity (pair flipped). FHC9N-12-LAAF FHC9N-24-LAAF FHC9N-24F-LAA
Universal polarity (B). FHC9N-12-LAU FHC9N-24-LAU –
- HD Flex
?
- Fiber Optic Cassettes
4-port, 8-fiber
(1 MPO)
6-port, 8-fiber
(1 MPO)
12-port, 24-fiber
(3 MPO)
OM4 Fiber/Optimized Loss – LC
Method B polarity. FHC3ZO-08H-10B FHC3ZO-08-10BN FHC3ZO-24H-10B
OM4 Fiber/Ultra Low Loss – LC
Method B polarity. FHC3Z A-08H-10B FHC3Z A-08-10BN FHC3Z A-24H-10B
OM3 Fiber/Optimized Loss – LC
Method B polarity. FHC3XO-08H-10B FHC3XO-08-10BN FHC3XO-24H-10B
OS2 Fiber/Standard Loss – LC
Method A polarity. FHC39N-08H-10A FHC39N-08-10AN FHC39N-24H-10A
OS2 Fiber/Standard Loss – LC/APC
Method A polarity – LC/APC. FHC39N-08H-LAA – –
HD Flex Cassettes – Duplex SC, SC/APC
12-port, 12-fiber
(1 MPO)
OM4 Fiber/Standard Loss – SC

Method A polarity. FHCZN-12-03AS
Modified Method A polarity (pair flipped). FHCZN-12-03AF
Universal polarity (B). FHCZN-12-03U
OM3 Fiber/Standard Loss – SC
Method A polarity. FHCXN-12-03AS
Modified Method A polarity (pair flipped). FHCXN-12-03AF
Universal polarity (B). FHCXN-12-03U
OS2 Fiber/Standard Loss – SC
Method A polarity. FHC9N-12-03AS
Modified Method A polarity (pair flipped). FHC9N-12-03AF
Universal polarity (B). FHC9N-12-03U
OS2 Fiber/Standard Loss – SC/APC
Method A polarity. FHC9N-12-3GAS
Modified Method A polarity (pair flipped). FHC9N-12-3GAF
Universal polarity (B). FHC9N-12-3GU
- HD Flex
?
- Fiber Optic Cassettes
OM4 Fiber/Optimized Loss – LC
Pre-loaded with pigtails (250µm) and splice sleeves. FHSZO-12-10P –
Pre-loaded with flat ribbon pigtail and splice sleeve. FHSZO-12-10R –
OM4 Fiber/Ultra Low Loss – LC
Pre-loaded with pigtails (250µm) and splice sleeves. FHSZ A-12-10P FHSZA-24-10P
Pre-loaded with flat ribbon pigtails and splice sleeve(s).FHSZ A-12-10R FHSZA-24-10R
OM3 Fiber/Optimized Loss – LC
Pre-loaded with pigtails (250µm) and splice sleeves. FHSXO-12-10P –
Pre-loaded with flat ribbon pigtail and splice sleeve. FHSXO-12-10R –
OS2 Fiber/Standard Loss – LC
Pre-loaded with pigtails (250µm) and splice sleeves. FHS9N-12-10P FHS9N-24-10P
Pre-loaded with flat ribbon pigtails and splice sleeve(s).FHS9N-12-10R FHS9N-24-10R
OS2 Fiber/Standard Loss – LC/APC
Pre-loaded with pigtails (250µm) and splice sleeves. FHS9N-12-LAP FHS9N-24-LAP
Pre-loaded with flat ribbon pigtails and splice sleeve(s).FHS9N-12-LAR FHS9N-24-LAR
Splice Only Cassette – No front connectivity
Packaged with 2 ribbon and 24 pigtail splice sleeves. – FHSN-24
HD Flex Splice Cassettes – Duplex SC, SC/APC 12-port, 12-fiber
OM4 Fiber/Ultra Low Loss – SC
Pre-loaded with pigtails (250µm) and splice sleeves. FHSZA-12-03P
Pre-loaded with flat ribbon pigtail and splice sleeve. FHSZA-12-03R
OS2 Fiber/Standard Loss – SC
Pre-loaded with pigtails (250µm) and splice sleeves. FHS9N-12-03P
Pre-loaded with flat ribbon pigtail and splice sleeve. FHS9N-12-03R
OS2 Fiber/Standard Loss – SC/APC
Pre-loaded with pigtails (250µm) and splice sleeves. FHS9N-12-3AP
Pre-loaded with flat ribbon pigtail and splice sleeve. FHS9N-12-3AR
- HD Flex
?
- Fiber Optic Cassettes
LC Fiber Adapter Panels
LC duplex multimode adapters in Aqua. FHSXN-08-10N FHSXN-12-10N
LC duplex singlemode adapters in Blue. FHS9N-08-10N FHS9N-12-10N
LC/APC duplex singlemode adapters in APC Green. FHS9N-08-LAN FHS9N-12-LAN
MPO Fiber Adapter Panels
MPO Type A adapters (Key-up to Key-down) in Black. FHMP-4-ABL FHMP-6-ABL
MPO Type B adapters (Key-up to Key-up) in Charcoal Gray. FHMP-4-BCG FHMP-6-BCG
MPO Type A adapters (Key-up to Key-down) in Red. FHMP-4-ARD FHMP-6-ARD
HD Flex Dark Fiber Conversion Cassettes 6-port
OM4 Fiber/Ultra Low Loss (0.35dB)
24-fiber (3×MPO8 to 2×MPO12), Method A. FH4ZU-24-NMNMA
24-fiber (3×MPO8 to 2×MPO12), Method B. FH4ZU-24-NMNMB
48-fiber (6×MPO8 to 4×MPO12), Method A. FH4ZU-48-NMNMA
48-fiber (6×MPO8 to 4×MPO12), Method B. FH4ZU-48-NMNMB
- HD Flex
?
- Fiber Optic Cassettes
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FBSP190-WW-ENG
1/2023 HD Flex Mesh/Shuffle Cassettes 6-port
OM4 Fiber/Optimized Loss (0.7dB)
32-fiber 4×MPO8 to 4×MPO8. FHMZO-32-M
OM3 Fiber/Optimized Loss (0.7dB)
32-fiber 4×MPO8 to 4×MPO8. FHMXO-32-M
OS2 Fiber/Standard Loss (1.0dB)
32-fiber 4×MPO8 to 4×MPO8. FHM9N-32-M
HD Flex Blank/Filler Panels 4-port 6-port 12-port
Blank/filler panels. FHSBBL04W FHSBBL06W FHSBBL12W