

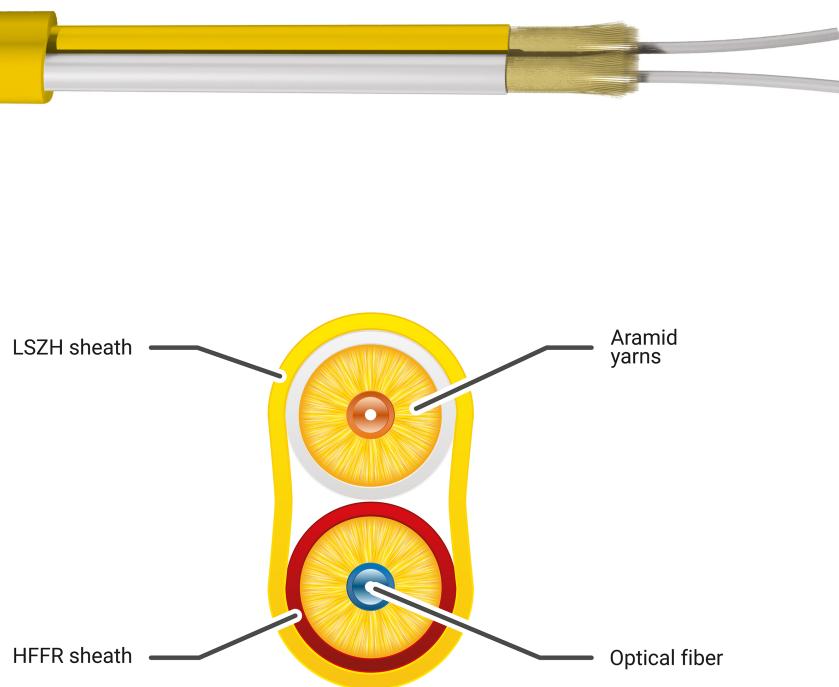
## BIFIBRESOS2

### OS2 optical fiber optic dual cable LSZH sheath



## DESCRIPTION

This OS2 optical cable is typically used for short distances: patch cords. OS2 multimode optical fiber meets and exceeds IEC\*, ITU, and EIA/TIA specifications. The strands are natural-colored. Aramid fibers are positioned on the tight-buffered strands as strength members. An HFFR jacket is extruded over the strength members. The two simplex elements are assembled under a flexible LSZH jacket.



## ADVANTAGES

- Good mechanical strength.
- Tightly woven cable for connection without fanouts.

## CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	BIFIBRESyyy
Color	Yellow RAL 1021
Minimum diameter of the outer sheath (mm)	3.70 x 6.90
Nom. diameter of the outer sheath (mm)	3.80 x 7.00
Max. diameter of the outer sheath (mm)	3.90 x 7.10
Number of active tubes	2
Total number of tubes	2
Number of Optical Fibers	2
Number of Fibers per Tube	1
Sheath Type	LSZH

## ELECTRICAL CHARACTERISTICS

Optical Performance	OS2
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## TRANSMISSION CHARACTERISTICS

Data Transmission Standard	ISO 11801-1 et TIA 568-3.D
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## MECHANICAL CHARACTERISTICS

Structure	Serrée
Max Short-Term Tensile Strength	500
Max Long-Term Tensile Strength	500 N
Bending Radius in Fixed Installation	20 x Ø ext
Bending Radius in Mobile Installation	20 x Ø ext
Max Short-Term Crush Resistance	1500 N
Max Long-Term Crush Resistance	1500 N/dm

## ENVIRONMENTAL CHARACTERISTIC

CPR classification	Not concerned
Fire behaviour	IEC 60331-2
Smoke emission	IEC 61034-1 & -2
Gas emission	IEC 60754-2
UV Resistance	No
Component Standard	IEC 60794-1-2

## ADDITIONAL INFORMATION

Product Packaging	Drum of 4000m
Weight (Kg)	34