



FLASH PULL™ 864F Micro Cable For Pre-installed Into Duct

Φ25/18MM DUCT + 864F MICRO CABLE

Flame Resistant

Design Reference

IEC 60794-1-1

IEC 60794-1-21

IEC 60794-1-22

IEC 60794-3

IEC 60794-5-10

ITU-T G.657

Application

Applicable to Pre-installed Into Duct.

Working Conditions

Storage Temperature

-30°C ~ +70°C

Installation Temperature:

-10°C ~ +50°C

Operation Temperature

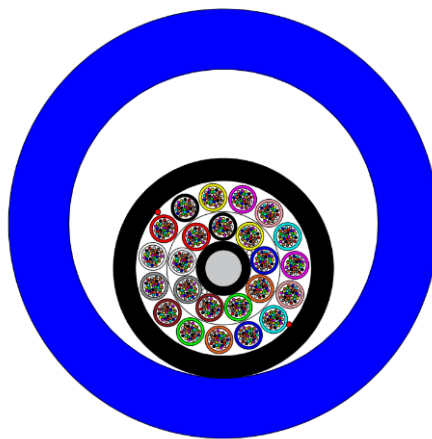
-30°C ~ +70°C

Min. Allowable Bending Radius

Static: > 10 D

Dynamic: > 20 D

D is the out diameter of the cable



Due to gravity, the micro optical cable will always be at the bottom of the Duct.

Technical data

Duct Diameter (Nom.)	mm	25/18
Ducts Sheath		Blue HDPE
Number of Fibers		864
Fiber Type		G.657A1
Central Strength Member		FRP+PE layer
Loose Tube Diameter (Nom.)	mm	1.95
No. of Loose Tube		9+15
Fiber Per Tube		36
Cable Outer Sheath		Black PE
Thickness of Outer Sheath (Nom.)	mm	0.45
Cable Overall Diameter (Nom.)	mm	12.8
Cable Weight Approx.	kg/km	127



Fiber Chromatogram

No.	1	2	3	4	5	6	
Color	Blue	Orange	Green	Brown	Slate	White	
No.	7	8	9	10	11	12	
Color	Red	Black	Yellow	Violet	Pink	Aqua	
No.	13	14	15	16	17	18	with single black ring
Color	Blue	Orange	Green	Brown	Slate	White	
No.	19	20	21	22	23	24	
Color	Red	Black	Yellow	Violet	Pink	Aqua	
No.	25	26	27	28	29	30	with 2 black rings
Color	Blue	Orange	Green	Brown	Slate	White	
No.	31	32	33	34	35	36	
Color	Red	Black	Yellow	Violet	Pink	Aqua	

Loose Tube Chromatogram

No.	Inner 1	Inner 2	Inner 3	Inner 4	Inner 5	Inner 6
Color	Blue	Orange	Green	Brown	Slate	White
No.	Inner 7	Inner 8	Inner 9	Outer 1	Outer 2	Outer 3
Color	Red	Black	Yellow	Violet	Pink	Aqua
No.	Outer 4	Outer 5	Outer 6	Outer 7	Outer 8	Outer 9
Color	Blue	Orange	Green	Brown	Slate	White
No.	Outer 10	Outer 11	Outer 12	Outer 13	Outer 14	Outer 15
Color	Red	Black	Yellow	Violet	Pink	Aqua

Mechanical Property

No.	Mechanical Specification	Unit	Designed Value
1	Max. tensile strength	N	1000
2	Crush resistance	N/100mm	500



Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS FLASH PULL MICRO CABLE FOR PRE-INSTALLED INTO DUCT 25/18MM 864F WW YYYY XXXXM

Shipping Information

Packing Method

Wooden Drum with proper protection

Delivery Length

According to customer requirements

Info@hermesys.com
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42 Emerald Hill Road, Singapore



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