

Multi Module Cable

ID: **X007**

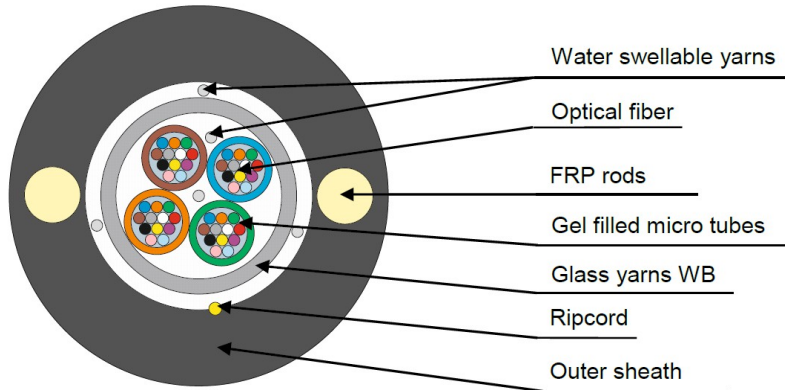


WORLD CONNECTING CABLES
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10.5.2018 ver.10

A-DQ(2ZN)2Y max. 288F

Cable consists of bundle of micro tubes with optical fibers, water swellable yarns and water-blocking glass yarns. Outer sheath is made of MDPE. Two strength element (FRP rods) are located inside the sheath. Ripcord is laid under the sheath.



Mechanical and Environmental properties

Test	Value	Unit	Method
Cable OD up to 12F	7,2+0,5	mm	EN 60811-1-1
Cable OD up to 24F, 36F 48F	9,3+0,5	mm	EN 60811-1-1
Cable OD up to 72F	10,5+0,5	mm	EN 60811-1-1
Cable OD up to 96F	11,4+0,5	mm	EN 60811-1-1
Cable OD up to 144F	12,2+0,5	mm	EN 60811-1-1
Cable OD up to 288F	14,8+0,5	mm	EN 60811-1-1
Max. cable weight up to 12F	42,3	kg/km	EN 60794-1-21-E1
Max. cable weight up to 24F	60,9	kg/km	EN 60794-1-21-E1
Max. cable weight up to 36F	62,7	kg/km	EN 60794-1-21-E1
Max. cable weight up to 48F	63,5	kg/km	EN 60794-1-21-E1
Max. cable weight up to 72F	84,1	kg/km	EN 60794-1-21-E1
Max. cable weight up to 96F	95,1	kg/km	EN 60794-1-21-E1
Max. cable weight up to 144F	110,4	kg/km	EN 60794-1-21-E1
Max. cable weight up to 288F	149,2	kg/km	EN 60794-1-21-E1
Max. Tensile strength up to 12F	1000	N	EN 60794-1-21-E1
Max. Tensile strength up to 24F, 36F,48F	1200	N	EN 60794-1-21-E1
Max. Tensile strength up to 72F, 96F	2000	N	EN 60794-1-21-E1
Max. Tensile strength up to 144F	2200	N	EN 60794-1-21-E1
Max. Tensile strength up to 288F	2500	N	EN 60794-1-21-E1
Crush resistance	250	N/cm	EN 60794-1-93 -E3
Min. bend radius	10	x OD	EN 60794-1-21-E11a

Fibre colour coding

According to IEC 60304

1	red	7	brown
2	green	8	violet
3	blue	9	turquoise
4	yellow	10	black
5	white	11	orange
6	grey	12	pink

Other fibre colour sequences available on request

Sheat Marking

Print colour	White
Print method	INK-Jet
Print legend	KDP, job number, cable, length marking @ 1m intervals
Put-up lenght	4 000m an other on request
Packaging	depending on requested put-up lenghts

Temperature range

Installation	-10 to + 50	°C
Operation	-40 to + 70	°C
Storage	-50 to + 50	°C

Cable life time 25 years

