

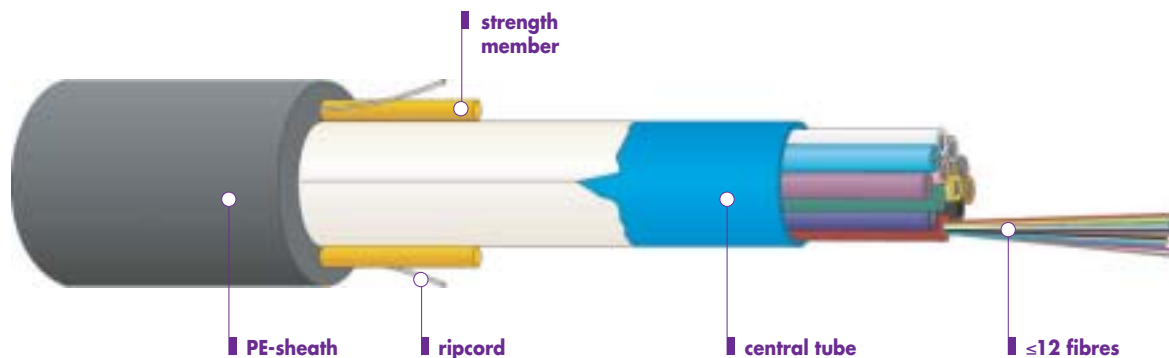


Optofil-Outdoor Cable

QBAC (Quick Branch And Connect) HighP

nonmetallic, completely dry cable construction,
mini bundle construction, central tube design

Dätwyler



Product information

Features

Flexible fibre management, robust cable construction
High crush resistance for high transmission reliability
Completely dry cable construction
2 ripcords for opening the cable sheath
HDPE cable sheath

Application

pulling in or blowing through thermoplastic ducts
laying on cable platforms and cable trays.
direct burial.
complex cable trays.

optical characteristics

the cables are available with different types of fibre. (see fibre data sheets)

mechanical characteristics

temperature cycling	storage	-25 / +70°C	EN 60794-1-2 F1
	pulling in	-10 / +50°C	
	operation	-25 / +60°C	
tensile performance		EN 60794-1-2 E1	
crush resistance		EN 60794-1-2 E3	
impact		EN 60794-1-2 E4	
repeated bending		EN 60794-1-2 E6	
torsion		EN 60794-1-2 E7	
bend		EN 60794-1-2 E11	

general characteristics

Printing Dätwyler Optofil 12x12 E9 QBAC HighP
C-no. 10858 ~ ~ 3630 m ~ ~

 Zero halogen,
non-corrosive gasses

(DIN VDE 0472-813) new: DIN VDE 0482-267,
EN 50267 (CENELEC HD 602), IEC 60754-2

description A-M(ZN)2Y nxm	no. of fibres max.	loose tube max.	cableØ mm	weight kg/km	bending radius mm	tensile load N	crush resistance		Fire load	
							continuous N/cm	short term N/cm	kWh/km	MJ/km
QBAC HighP	48	4 x 12	10.7	91	222	1000	100	300	920	3312
QBAC HighP	96	8 x 12	12.5	130	250	1000	100	300	1328	4781
QBAC HighP	144	12 x 12	13.5	149	270	1000	100	300	1343	4835

Versions

A-M(ZN)2Y nxm		fibre	Article No.	Article No.	Article No.
description		number	E9/125	G50/125	G62.5/125
QBAC High P	4 x 12	48	on request	on request	on request
QBAC High P	8 x 12	96	on request	on request	on request
QBAC High P	12 x 12	144	on request	on request	on request

Technical changes reserved.

Instruction manual

1.



Mark the cut back length on the cable sheath with a pencil or a cable stripping knife.

Make radial cuts, with a cable stripping knife, on both sides of the sheath approx. 25 cm

Open the sheath by means of the ripcords. Cut back the sheath, glass armouring, ripcords and the foil.

2.



Hold the central tube with both hands and twist it softly about 90 degrees.

3.



Press the central tube, carefully, below the break section with the thumb.

4.



Open the cover of the central tube at the site of fracture and cut it back.

5.



The cable is now prepared for further processing.