

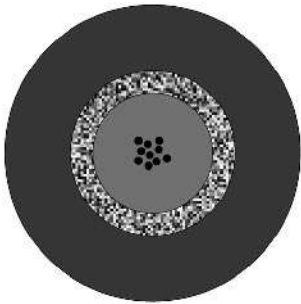
# Fibre Optic Outdoor Cable

acc. DIN VDE 0888

HELUCOM®

RoHS

A-D(ZN)2Y, A-D(ZN)B2Y



## Cable structure

Core type: Buffered-fibre  
Strain relief elements: Aramid  
Outer sheath material: PE  
Outer sheath colour: Black

## Temperature range

Laying, min: -5°C  
Laying, max: +50°C  
Operating, min: -20°C  
Operating, max: +60°C

## Other data

Corrosiveness acc. to EN50267-2-3  
Longitudinally water-tight acc. to IEC 60794-1-2-F5  
UV-resistant

Designation	Number of fibres	Fibre type	Number of fibres per core	Outer Ø ca. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load ca. MJ/m	Max. transverse pressure N/cm	Weight kg/km	Part no.
A-D(ZN)2Y	2	Multimode G50/125	2	6,5	1000	100,0	1,50	200	35,0	<b>80494</b>
A-D(ZN)2Y	2	Multimode G62.5/125	2	6,5	1000	100,0	1,50	200	35,0	<b>80493</b>
A-D(ZN)2Y	2	Single-mode E9/125	2	6,5	1000	100,0	1,50	200	35,0	<b>80492</b>
A-D(ZN)2Y	4	Multimode G50/125	4	6,5	1000	100,0	1,50	200	35,0	<b>80489</b>
A-D(ZN)2Y	4	Multimode G62.5/125	4	6,5	1000	100,0	1,50	200	35,0	<b>80490</b>
A-D(ZN)2Y	4	Single-mode E9/125	4	6,5	1000	100,0	1,50	200	35,0	<b>80491</b>
A-D(ZN)2Y	6	Multimode G50/125	6	6,5	1000	100,0	1,50	200	35,0	<b>80486</b>
A-D(ZN)2Y	6	Multimode G62.5/125	6	6,5	1000	100,0	1,50	200	35,0	<b>80487</b>
A-D(ZN)2Y	6	Single-mode E9/125	6	6,5	1000	100,0	1,50	200	35,0	<b>80488</b>
A-D(ZN)2Y	8	Multimode G50/125	8	6,5	1000	100,0	1,50	200	35,0	<b>80370</b>
A-D(ZN)2Y	8	Multimode G62.5/125	8	6,5	1000	100,0	1,50	200	35,0	<b>80369</b>
A-D(ZN)2Y	8	Single-mode E9/125	8	6,5	1000	100,0	1,50	200	35,0	<b>80485</b>
A-D(ZN)2Y	12	Multimode G50/125	12	6,5	1000	100,0	1,50	200	35,0	<b>80481</b>
A-D(ZN)2Y	12	Multimode G62.5/125	12	6,5	1000	100,0	1,50	200	35,0	<b>80480</b>
A-D(ZN)2Y	12	Single-mode E9/125	12	6,5	1000	100,0	1,50	200	35,0	<b>80479</b>
A-D(ZN)B2Y	2	Multimode G50/125	2	7,5	1200	110,0	1,70	250	37,0	<b>80836</b>
A-D(ZN)B2Y	2	Multimode G62.5/125	2	7,5	1200	110,0	1,70	250	37,0	<b>80840</b>
A-D(ZN)B2Y	2	Single-mode E9/125	2	7,5	1200	110,0	1,70	250	37,0	<b>80830</b>
A-D(ZN)B2Y	4	Multimode G50/125	4	7,5	1200	110,0	1,70	250	37,0	<b>80374</b>
A-D(ZN)B2Y	4	Multimode G62.5/125	4	7,5	1200	110,0	1,70	250	37,0	<b>80841</b>
A-D(ZN)B2Y	4	Single-mode E9/125	4	7,5	1200	110,0	1,70	250	37,0	<b>80831</b>
A-D(ZN)B2Y	6	Multimode G50/125	6	7,5	1200	110,0	1,70	250	37,0	<b>80837</b>
A-D(ZN)B2Y	6	Multimode G62.5/125	6	7,5	1200	110,0	1,70	250	37,0	<b>80842</b>
A-D(ZN)B2Y	6	Single-mode E9/125	6	7,5	1200	110,0	1,70	250	37,0	<b>80832</b>
A-D(ZN)B2Y	8	Multimode G50/125	8	7,5	1200	110,0	1,70	250	37,0	<b>80554</b>
A-D(ZN)B2Y	8	Multimode G62.5/125	8	7,5	1200	110,0	1,70	250	37,0	<b>80843</b>
A-D(ZN)B2Y	8	Single-mode E9/125	8	7,5	1200	110,0	1,70	250	37,0	<b>80833</b>
A-D(ZN)B2Y	12	Multimode G50/125	12	7,5	1200	110,0	1,70	250	37,0	<b>80839</b>
A-D(ZN)B2Y	12	Multimode G62.5/125	12	7,5	1200	110,0	1,70	250	37,0	<b>80845</b>
A-D(ZN)B2Y	12	Single-mode E9/125	12	7,5	1200	110,0	1,70	250	37,0	<b>80835</b>

## Application

These HELUCOM® fibre-optic cables are suitable for underground, tube and channel laying. For the use in areas with rodents, a version with non-metallic rodent protection is available. The slim design ensures space-saving laying even in very tight channels.