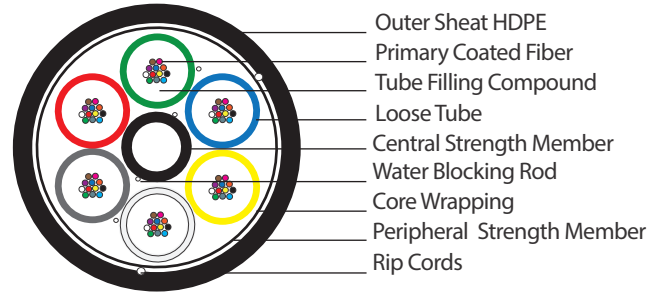


MULTI TUBE DUCT CABLE HDPE IU (G652D) 12 - 72 fibers 10,6 mm



Properties

- Multi Loose Tube Unarmoured
- Water Swellable Elements
- Outer Sheath UV Stabilized HDPE for optimal blowing length
- Glass Yarn Elements
- Non metallic Rod
- Suitable for Blowing
- Easy Fiber routing inside closure
- Rip cords to open Outer Sheath

Characteristics

Cable Diameter : 10,6 mm
 Cable Weight : 84 kg/km
 Transport : Wooden Drum
 Bending radius (installed) : 10 x Cable Diameter
 Tensile Force : 1500N
 Crush Resistance: 2000N (100 x 100 mm) for 60 sec.
 Outer Sheath colour: black
 Inkjet-Print: MICRO CABLE, FIBER COUNT, FIBER TYPE, PRODUCTION CODE, DRUM NUMBER

Specifications/Norms

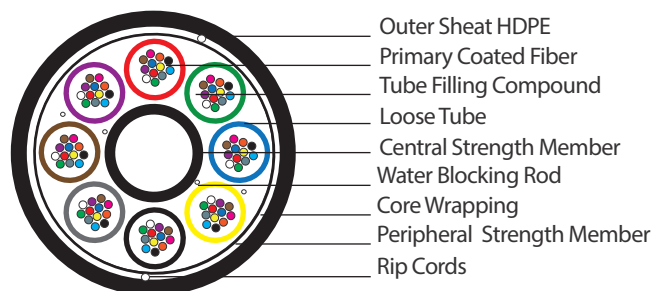
Standard: IEC 60794
 Temperature Range Norms : IEC 60794-1-2-F1
 Laying and Installation -30° to +70°C
 Operation -30° to +70°C
 Fiber colour : acc. to DIN
 Fiber type : Singlemode G652 D IEC/ITU standards

Colourcode Fiber - colours in bundle (13 -24 with rings)
 Tube colours

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

Cable type	Fiber Number	Fiber Type	Cable Ø	Recommended microduct inside Ø	Drum Length
ML Tube HDPE 10,6mm 1x12	12	G652D	10,6mm	16 mm	4 km
ML Tube HDPE 10,6mm 2x12	24	G652D	10,6mm	16 mm	4 km
ML Tube HDPE 10,6mm 4x12	48	G652D	10,6mm	16 mm	4 km
ML Tube HDPE 10,6mm 6x12	72	G652D	10,6mm	16 mm	4 km

MULTI TUBE DUCT CABLE HDPE IU (G652D) 96 fibers 12,0 mm



Properties

- Multi Loose Tube Unarmoured
- Water Swellable Elements
- Outer Sheath UV Stabilized HDPE for optimal blowing length
- Glass Yarn Elements
- Non metallic Rod
- Suitable for Blowing
- Suitable for Micro duct Installation
- Rip cords to open Outer Sheath

Characteristics

Cable Diameter : 12,0 mm
 Cable Weight : 113,0 kg/km
 Transport : Wooden Drum
 Bending radius (installed) : 10 x Cable Diameter
 Tensile Force : 2000N
 Crush Resistance: 2000N (100 x 100 mm) for 60 sec.
 Outer Sheath colour: black
 Inkjet-Print: MICRO CABLE, FIBER COUNT, FIBER TYPE, PRODUCTION CODE, DRUM NUMBER

Specifications/Norms

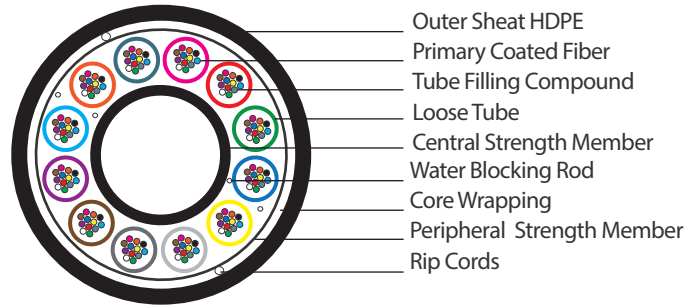
Standard: IEC 60794
 Temperature Range Norms : IEC 60794-1-2-F1
 Laying and Installation -30° to +70°C
 Operation -30° to +70°C
 Fiber colour : acc. to DIN
 Fiber type : Singlemode G652 D IEC/ITU standards

Colourcode Fiber - colours in bundle (13 -24 with rings)
 Tube colours

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

Cable type	Fiber Number	Fiber Type	Cable Ø	Recommended microduct inside Ø	Drum Length
ML Tube HDPE 12,0mm 8x12	96	G652D	12,0mm	18 mm	4 km

MULTI TUBE DUCT CABLE HDPE IU (G652D) 144 fibers 14,6 mm



Properties

- Multi Loose Tube Unarmoured
- Water Swellable Elements
- Outer Sheath UV Stabilized HDPE for optimal blowing length
- Glass Yarn Elements
- Non metallic Rod
- Suitable for Blowing
- Suitable for Micro duct Installation
- Rip cords to open Outer Sheath

Characteristics

Cable Diameter : 14,6 mm
 Cable Weight : 167,0 kg/km
 Transport : Wooden Drum
 Bending radius (installed) : 10 x Cable Diameter
 Tensile Force : 2000N
 Crush Resistance: 2000N (100 x 100 mm) for 60 sec.
 Outer Sheath colour: black
 Inkjet-Print: MICRO CABLE, FIBER COUNT, FIBER TYPE, PRODUCTION CODE, DRUM NUMBER

Specifications/Norms

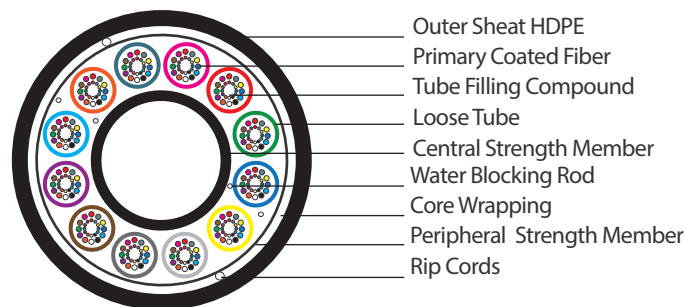
Standard: IEC 60794
 Temperature Range Norms : IEC 60794-1-2-F1
 Laying and Installation -30° to +70°C
 Operation -30° to +70°C
 Fiber colour : acc. to DIN
 Fiber type : Singlemode G652 D IEC/ITU standards

Colourcode Fiber - colours in bundle (13 -24 with rings)
 Tube colours

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

Cable type	Fiber Number	Fiber Type	Cable Ø	Recommended microduct inside Ø	Drum Length
ML Tube HDPE 14,6mm 12x12	144	G652D	14,6mm	20 mm	4 km

**MULTI TUBE DUCT CABLE HDPE IU
(G652D) 192, 288 fibers 14,2 mm , 17,3 mm**



Properties

- Multi Loose Tube Unarmoured
- Water Swellable Elements
- Outer Sheath UV Stabilized HDPE for optimal blowing length
- Glass Yarn Elements
- Non metallic Rod
- Suitable for Blowing
- Easy Fiber routing inside closure
- Rip cords to open Outer Sheath

Characteristics

Cable Diameter : 14,2 mm for 192F / 17,3 mm for 288F
 Cable Weight : 157,0 kg/km 192F / 230,0 kg/km 288F
 Transport : Wooden Drum
 Bending radius (installed) : 10 x Cable Diameter
 Tensile Force : 2000N
 Crush Resistance: 2000N (100 x 100 mm) for 60 sec.
 Outer Sheath colour: black
 Inkjet-Print: MICRO CABLE, FIBER COUNT, FIBER TYPE, PRODUCTION CODE, DRUM NUMBER

Specifications/Norms

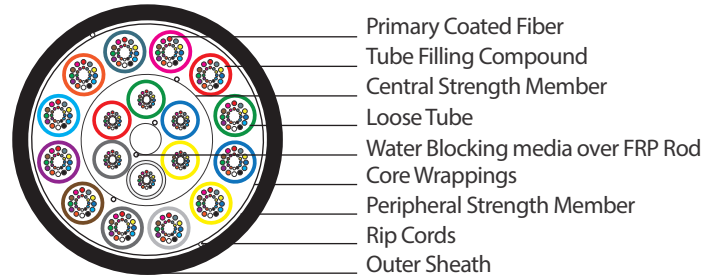
Standard: IEC 60794
 Temperature Range Norms : IEC 60794-1-2-F1
 Laying and Installation -30° to +70°C
 Operation -30° to +70°C
 Fiber colour : acc. to DIN
 Fiber type : Singlemode G652 D IEC/ITU standards

Colourcode Fiber - colours in bundle (13 -24 with rings)
 Tube colours

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

Cable type	Fiber Number	Fiber Type	Cable Ø	Recommended microduct inside Ø	Drum Length
ML Tube HDPE 14,2mm 8x24	192	G652D	14,2mm	20 mm	4 km
ML Tube HDPE 17,3mm 12x24	288	G652D	17,3mm	26-40mm	4 km

MULTI TUBE DRY CORE DUCT CABLE HDPE IU (G652D) 432 fibers 18,0 mm



Properties

- Multi Loose Tube Unarmoured
- Enhance low water peak single mode fibers in full compliance with ITU-T-G 652D
- Double layer stranded construction
- Water swellable yarns
- Non metallic Rod
- Cable core is wrapped with Water Swellable Tape
- UV Stabilized HDPE outer sheath, black
- Rip cords to open Outer Sheath

Characteristics

Cable Diameter : 18,0 mm
 Cable Weight : 230 kg/km
 Transport : Wooden Drum
 Bending radius (installed) : 10 x Cable Diameter
 Tensile Force : 2000N
 Crush Resistance: 2000N (100 x 100 mm) for 60 sec.
 Outer Sheath colour: black
 Inkjet-Print: MICRO CABLE, FIBER COUNT, FIBER TYPE, PRODUCTION CODE, DRUM NUMBER

Specifications/Norms

Standard: IEC 60794
 Temperature Range Norms : IEC 60794-1-2-F1
 Laying and Installation -40° to +70°C
 Operation -40° to +70°C
 Fiber colour : acc. to DIN
 Fiber type : Singlemode G652 D IEC/ITU standards

Colourcode Fiber - colours in bundle (13 -24 with rings)
 Tube colours

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

Cable type	Fiber Number	Fiber Type	Cable Ø	Recommended microduct inside Ø	Drum Length
MLTube HDPE 18,0mm 18x24	432	G652D	18,0m	26-40mm	4 km