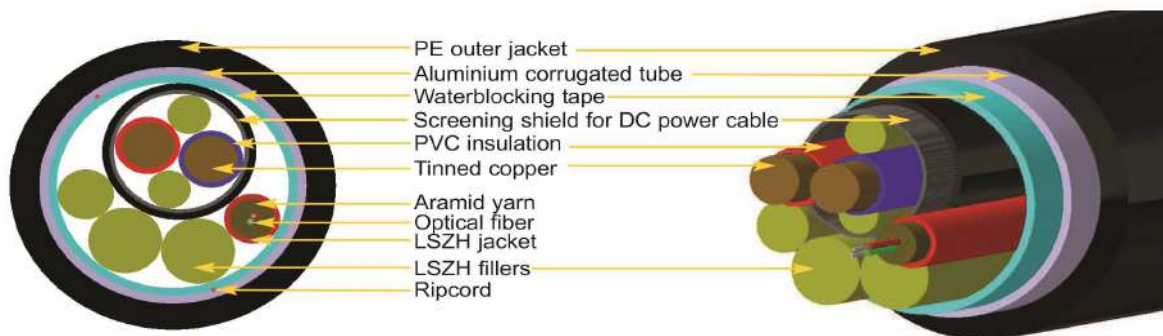


## HTTA HYBRID-TO-THE-ANTENNA CABLE

## TypeR1.2.1



### Features:

- Combination of optical fiber cables and copper conductors within a single cable
- Flexibility in respect of further development of the network
- Installation efficiency
- Flexible, easy to pull up the mast and to route inside of conduits or monopoles
- Flexible hybrid cable with low bending radius and excellent cable routing properties
- Ripcords for easy and quick stripping
- No special installation tools required

Technical specification	1x2B1, 2x6mm <sup>2</sup> 7/8"	1x2B1, 2x10mm <sup>2</sup> 7/8"	1x2B1, 2x16mm <sup>2</sup> 7/8"	1x2B1, 2x25mm <sup>2</sup> 7/8"
Cable outer diameter	27.8mm±0.4mm	27.8mm±0.4mm	27.8mm±0.4mm	27.8mm±0.4mm
Min. single bending radius	10 x diameter			
Weight	720 kg/km	850 kg/km	1050 kg/km	1240 kg/km
Working temperature	-40°C to 70°C			
Fiber type	G652D	G652D	G652D	G652D
Number of optical fiber	2	2	2	2
Jacket of optical unit	LSZH	LSZH	LSZH	LSZH
Type of optical fiber cable	Minibreakout			
Number of power wire	2	2	2	2
Crosssection	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
DC resistance at 20°C	≤3.3 Ω/km	≤1.91 Ω/km	≤1.21 Ω/km	≤0.78 Ω/km
Power cable shielding	Aluminium corrugated tube			
Operating voltage	48 VDC			
Power cable screening shield	Tinned copper braiding >80%			
Cross section screening shield	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>

### Ordering information :

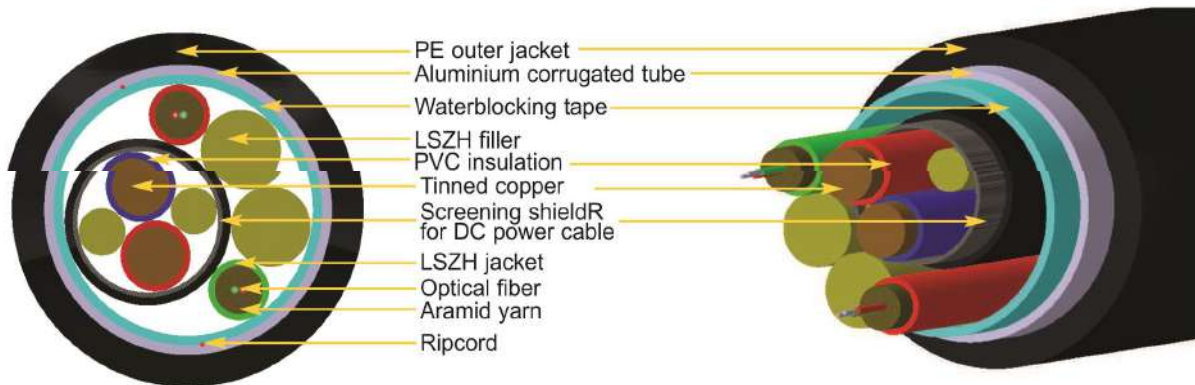
Type	EC article number
1x2B1, 2x6mm <sup>2</sup> 7/8"	EDALYR7/8" 1x2B1-2x6
1x2B1, 2x10mm <sup>2</sup> 7/8"	EDALYR7/8" 1x2B1-2x10
1x2B1, 2x16mm <sup>2</sup> 7/8"	EDALYR7/8" 1x2B1-2x16
1x2B1, 2x25mm <sup>2</sup> 7/8"	EDALYR7/8" 1x2B1-2x25

# FTTA SOLUTIONS



## HTTA HYBRID-TO-THE-ANTENNA CABLE

## Type R1.2.2



### Features:

- Combination of optical fiber cables and copper conductors within a single cable
- Flexibility in respect of further development of the network
- Installation efficiency
- Flexible, easy to pull up the mast and to route inside of conduits or monopoles
- Flexible hybrid cable with low bending radius and excellent cable routing properties
- Ripcords for easy and quick stripping
- No special installation tools required

Technical specification	2x2B1, 2x6mm <sup>2</sup> 7/8"	2x2B1, 2x10mm <sup>2</sup> 7/8"	2x2B1, 2x16mm <sup>2</sup> 7/8"	2x2B1, 2x25mm <sup>2</sup> 7/8"
Cable outer diameter	27.8mm±0.4mm	27.8mm±0.4mm	27.8mm±0.4mm	27.8mm±0.4mm
Min. single bending radius	10 x diameter			
Weight	780 kg/km	860 kg/km	1060 kg/km	1250 kg/km
Working temperature	-40°CRtoR70°C			
Fiber type	G652D	G652D	G652D	G652D
Number of optical fiber	4	4	4	4
Jacket of optical unit	LSZH	LSZH	LSZH	LSZH
Type of optical fiber cable	Minibreakout			
Number of power wire	2	2	2	2
Cross section	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
DC resistance at 20°C	≤3.3Ω/km	≤1.91Ω/km	≤1.21Ω/km	≤0.78Ω/km
Power cable shielding	Aluminium corrugated tube			
Operating voltage	48VDC			
Power cable screening shield	Tinned copper braiding >80%			
Cross section screening shield	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>

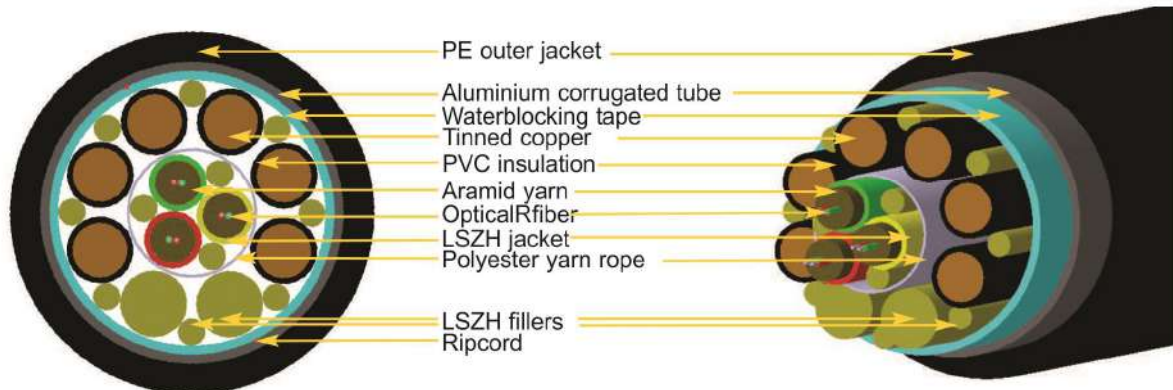
### Ordering information :

Type	EC article number
2x2B1, 2x6mm <sup>2</sup> 7/8"	EDALYR7/8" 2x2B1-2x6
2x2B1, 2x10mm <sup>2</sup> 7/8"	EDALYR7/8" 2x2B1-2x10
2x2B1, 2x16mm <sup>2</sup> 7/8"	EDALYR7/8" 2x2B1-2x16
2x2B1, 2x25mm <sup>2</sup> 7/8"	EDALYR7/8" 2x2B1-2x25



## HTTA HYBRID-TO-THE-ANTENNA CABLE

TypeR2.1



### Features:

- Combination of optical fiber cables and copper conductors within a single cable
- Flexibility in respect of further development of the network
- Installation efficiency
- Flexible, easy to pull up the mast and to route inside of conduits or monopoles
- Flexible hybrid cable with low bending radius and excellent cable routing properties
- Ripcords for easy and quick stripping
- No special installation tools required

Technical specification	3x2B1, 6x6mm <sup>2</sup> 7/8"	3x2B1, 6x10mm <sup>2</sup> 5/4"	3x2B1, 6x16mm <sup>2</sup> 5/4"	3x2B1, 6x25mm <sup>2</sup> 5/4"
Cable outer diameter	27.8mm±0.4mm	39.1mm±0.4mm	39.1mm±0.4mm	39.1mm±0.4mm
Min. single bending radius	150mm	200mm	200mm	200mm
Working temperature	-40°C to +70°C			
Fiber type	G652D	G652D	G652D	G652D
Number of optical fiber	6	6	6	6
Jacket of optical unit	LSZH	LSZH	LSZH	LSZH
Type of optical fiber cable	Minibreakout			
Number of power wire	6	6	6	6
Cross section	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
DC resistance at 20°C	≤3.3Ω/km	≤1.91Ω/km	≤1.21Ω/km	≤0.78Ω/km
Power cable shielding	Aluminium corrugated tube			
Operating voltage	48VDC			

### Ordering information :

Type	EC article number
3x2B1, 6x6mm <sup>2</sup> 7/8"	EDALYR7/8" 3x2B1+0,6/1KV-6x6
3x2B1, 6x10mm <sup>2</sup> 5/4"	EDALYR5/4" 3x2B1+0,6/1KV-6x10
3x2B1, 6x16mm <sup>2</sup> 5/4"	EDALYR5/4" 3x2B1+0,6/1KV-6x16
3x2B1, 6x25mm <sup>2</sup> 5/4"	EDALYR5/4" 3x2B1+0,6/1KV-6x25

# FTTA SOLUTIONS



## HTTA HYBRID-TO-THE-ANTENNA CABLE

## TypeT2.1



### Features:

- Combination of optical fiber cables and copper conductors within a single cable
- Flexibility in respect of further development of the network
- Installation efficiency
- Flexible, easy to pull up the mast and to route inside of conduits or monopoles
- Flexible hybrid cable with low bending radius and excellent cable routing properties
- Ripcords for easy and quick stripping
- No special installation tools required

Technical specification	1x6B1, 6x6mm <sup>2</sup> 7/8"	1x6B1, 6x10mm <sup>2</sup> 7/8"	1x6B1, 6x16mm <sup>2</sup> 7/8"	1x6B1, 6x25mm <sup>2</sup> 5/4"
Cable outer diameter	27.8mm±0.4mm	27.8mm±0.4mm	27.8mm±0.4mm	39.1mm±0.4mm
Min. single bending radius	10 x diameter			
Weight	940 kg/km	1130 kg/km	1400 kg/km	2250 kg/km
Working temperature	-40°C to 70°C			
Fiber type	G652D	G652D	G652D	G652D
Number of optical fiber	6	6	6	6
Jacket of optical unit	LSZH	LSZH	LSZH	LSZH
Type of optical fiber cable	Minibreakout			
Number of power wire	6	6	6	6
Cross section	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
DC resistance at 20°C	≤3.3Ω/km	≤1.91Ω/km	≤1.21Ω/km	≤0.78Ω/km
Power cable shielding	Aluminium corrugated tube			
Operating voltage	48VDC			

### Ordering information :

Type	Ec article number
1x6B1, 6x6mm <sup>2</sup> h7/8"	EDALYT7/8" 1x6B1-6x6
1x6B1, 6x10mm <sup>2</sup> h7/8"	EDALYT7/8" 1x6B1-6x10
1x6B1, 6x16mm <sup>2</sup> h7/8"	EDALYT7/8" 1x6B1-6x16
1x6B1, 6x25mm <sup>2</sup> h5/4"	EDALYT5/4" 1x6B1-6x25



## HTTA HYBRID-TO-THE-ANTENNA CABLE

Type2.2



### Features:

- Combination of optical fiber cables and copper conductors within a single cable
- Flexibility in respect of further development of the network
- Installation efficiency
- Flexible, easy to pull up the mast and to route inside of conduits or monopoles
- Flexible hybrid cable with low bending radius and excellent cable routing properties
- Ripcords for easy and quick stripping
- No special installation tools required

Technical specification	1x6B1, 6x6mm <sup>2</sup> 7/8"	1x6B1, 6x10mm <sup>2</sup> 7/8"	1x6B1, 6x16mm <sup>2</sup> 7/8"	1x6B1, 6x25mm <sup>2</sup> 5/4"
Cable outer diameter	27.8mm±0.4mm	27.8mm±0.4mm	27.8mm±0.4mm	39.1mm±0.4mm
Min. single bending radius	10 x diameter			
Weight	940 kg/km	1130 kg/km	1400 kg/km	2250 kg/km
Working temperature	-40°C to 70°C			
Fiber type	G652D	G652D	G652D	G652D
Number of optical fiber	6	6	6	6
Jacket of optical unit	LSZH	LSZH	LSZH	LSZH
Type of optical fiber cable	Minibreakout			
Number of power wire	6	6	6	6
Cross section	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
DC resistance at 20°C	≤3.3Ω/km	≤1.91Ω/km	≤1.21Ω/km	≤0.78Ω/km
Power cable shielding	Aluminium corrugated tube			
Operating voltage	48VDC			

### Ordering information :

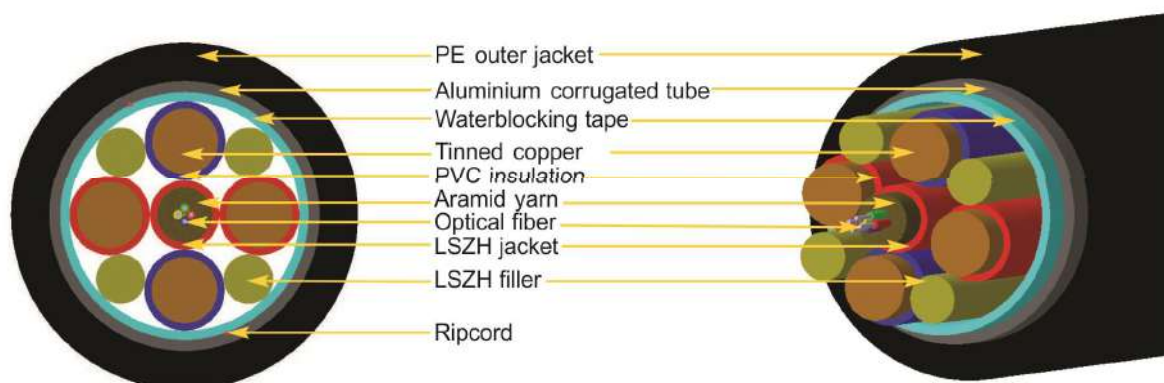
Type	Ec article number
1x6B1, 6x6mm <sup>2</sup> h7/8"	EDALYT7/8" 1x6B1-6x6
1x6B1, 6x10mm <sup>2</sup> h7/8"	EDALYT7/8" 1x6B1-6x10
1x6B1, 6x16mm <sup>2</sup> h7/8"	EDALYT7/8" 1x6B1-6x16
1x6B1, 6x25mm <sup>2</sup> h5/4"	EDALYT5/4" 1x6B1-6x25

# FTTA SOLUTIONS



## HTTA HYBRID-TO-THE-ANTENNA CABLE

Type3.1



### Features:

- Combination of optical fiber cables and copper conductors within a single cable
- Flexibility in respect of further development of the network
- Installation efficiency
- Flexible, easy to pull up the mast and to route inside of conduits or monopoles
- Flexible hybrid cable with low bending radius and excellent cable routing properties
- Ripcords for easy and quick stripping
- No special installation tools required

Technical specification	1x4B1, 4x6mm <sup>2</sup> 7/8"	1x4B1, 4x10mm <sup>2</sup> 7/8"	1x4B1, 4x16mm <sup>2</sup> 7/8"	1x4B1,h x25mm <sup>2</sup> 5/4"
Cable outer diameter	27.8mm±0.4mm	27.8mm±0.4mm	27.8mm±0.4mm	39.1mm±0.4mm
Min. single bending radius	10 x diameter			
Weight	860 kg/km	980 kg/km	1140 kg/km	1960 kg/km
Working temperature	-40°C to 70°C			
Fiber type	G652D	G652D	G652D	G652D
Number of optical fiber	4	4	4	4
Jacket of optical unit	LSZH	LSZH	LSZH	LSZH
Type of optical fiber cable	Minibreakout			
Number of power wire	4	4	4	4
Cross section	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
DC resistance at 20°C	≤3.3Ω/km	≤1.91Ω/km	≤1.21Ω/km	≤0.78Ω/km
Power cable shielding	Aluminium corrugated tube			
Operating voltage	48VDC			

### Ordering information :

Type	EC article number
1x4B1, 4x6mm <sup>2</sup> h7/8"	EDALYT7/8" 1x4B1-4x6
1x4B1, 4x10mm <sup>2</sup> h7/8"	EDALYT7/8" 1x4B1-4x10
1x4B1, 4x16mm <sup>2</sup> h7/8"	EDALYT7/8" 1x4B1-4x16
1x4B1, 4x25mm <sup>2</sup> h5/4"	EDALYT5/4" 1x4B1-4x25



## HTTA HYBRID-TO-THE-ANTENNA CABLE

Type3.2



### Features:

- Combination of optical fiber cables and copper conductors within a single cable
- Flexibility in respect of further development of the network
- Installation efficiency
- Flexible, easy to pull up the mast and to route inside of conduits or monopoles
- Flexible hybrid cable with low bending radius and excellent cable routing properties
- Ripcords for easy and quick stripping
- No special installation tools required

Technical specification	1x8B1, 4x6mm <sup>2</sup> 7/8"	1x8B1, 4x10mm <sup>2</sup> 7/8"	1x8B1, 4x16mm <sup>2</sup> 7/8"	1x8B1, 4x25mm <sup>2</sup> 5/4"
Cable outer diameter	27.8mm±0.4mm	27.8mm±0.4mm	27.8mm±0.4mm	39.1mm±0.4mm
Min. single bending radius	10 x diameter			
Weight	870 kg/km	1000 kg/km	1150 kg/km	1980 kg/km
Working temperature	-40°C to 70°C			
Fiber type	G652D	G652D	G652D	G652D
Number of optical fiber	8	8	8	8
Jacket of optical unit	LSZH	LSZH	LSZH	LSZH
Type of optical fiber cable	Minibreakout			
Number of power wire	4	4	4	4
Cross section	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
DC resistance at 20°C	≤3.3Ω/km	≤1.91Ω/km	≤1.21Ω/km	≤0.78Ω/km
Power cable shielding	Aluminium corrugated tube			
Operating voltage	48VDC			

### Ordering information :

Type	EC article number
1x8B1, 4x6mm <sup>2</sup> h7/8"	EDALYT7/8" 1x8B1-4x6
1x8B1, 4x10mm <sup>2</sup> h7/8"	EDALYT7/8" 1x8B1-4x10
1x8B1, 4x16mm <sup>2</sup> h7/8"	EDALYT7/8" 1x8B1-4x16
1x8B1, 4x25mm <sup>2</sup> h5/4"	EDALYT5/4" 1x8B1-4x25