

Outdoor Multi Loose Tube Cable
with All Dielectric Self Supporting, Single Jacket

GAAG, GAAD, GAAE

A-DQ(ZN)2Y(T)



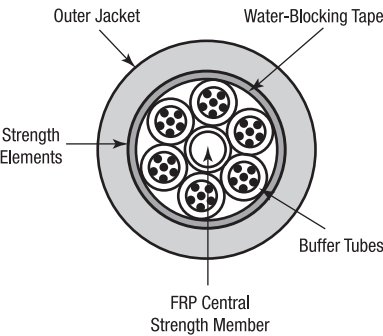
Applications

- All Dielectric Self Supporting cable (ADSS) for Outdoor use
- Suitable for installation between poles with a maximum span of 150 meters for GAAG, GAAD and GAAE, and 110 meter for GAAF
- Initial sag at +20 °C: 1% of span

Features & Benefits

- Available in sizes from 6 to 144 fibers
- Jelly filled (non-dripping and silicon-free) loose tubes with primary coated optical fibres (Ø 250 ± 15 µm)
- Full dielectric construction, no grounding required
- Aramid yarns for tensile strength
- Installation-friendly because of the cable core kept free of grease (dry interstices)
- Polyethylene jacket
- Length marking in meters for easy determination of the cable length

Cross Section



Specifications

IEC 60794-1-2	
Crush Resistance (E3):	15 kN/m
Min. Bend Radius installation (E6):	20 x Ø
Min. Bend Radius operation (E11):	20 x Ø
Temperature Range (F1):	
– Transport/Storage	-30 °C to +70 °C
– Installation	-5 °C to +50 °C
– Operation	-30 °C to +70 °C
Watertightness (F5):	Pass

Characteristics

Loose Tube	Fiber Count	Diameter Tube (mm)	Max. Fibers per Tube	Watertightness in Core	Diameter (mm)	Weight (kg/km)	Tensile Strength (short term) N	Tensile Strength (permanent) N	Fire Load (kJ/m)
IEC 60794-1-2							E1	E1	
GAAG*xx	6 to 36	1.9	6	Dry	10.3	72	2450	800	3000
GAAD*xx	12 to 72	2.5	12	Dry	12.2	99	2700	900	4000
GAAE*xx	84 to 96	2.5	12	Dry	13.8	132	3450	1150	4400

Ordering Information

Fiber Type/Count	Dry Core				
	6	12	18	24	36
62.5/125-OM1	GAAG106	GAAG112	GAAG118	GAAG124	GAAG136
50/125-OM2 BW 600/1200	GAAG206	GAAG212	GAAG218	GAAG224	GAAG236
50/125-OM3	GAAGD06	GAAGD12	GAAGD18	GAAGD24	GAAGD36
50/125-OM4	GAAGE06	GAAGE12	GAAGE18	GAAGE24	GAAGE36
9/125 ITU G.652D	GAAG806	GAAG812	GAAG818	GAAG824	GAAG836
9/125 ITU G.655 C&D	GAAG706	GAAG712	GAAG718	GAAG724	GAAG736
Std. plywood reel (non-returnable)	Ø 1250 x 688 mm, Weight 93.0 kg				
Std. delivery length	2100 ± 100 m				

Fiber Type/Count	Dry Core					
	12	24	36	48	60	72
62.5/125-OM1	GAAD112	GAAD124	GAAD136	GAAD148	GAAD160	GAAD172
50/125-OM2 BW 600/1200	GAAD212	GAAD224	GAAD236	GAAD248	GAAD260	GAAD272
50/125-OM3	GAADD12	GAADD24	GAADD36	GAADD48	GAADD60	GAADD72
50/125-OM4	GAADE12	GAADE24	GAADE36	GAADE48	GAADE60	GAADE72
9/125 ITU G.652D	GAAD812	GAAD824	GAAD836	GAAD848	GAAD860	GAAD872
9/125 ITU G.655 C & D	GAAD712	GAAD724	GAAD736	GAAD748	GAAD760	GAAD772
Std. plywood reel (non-returnable)	Ø 1250 x 688 mm, Weight 93.0 kg					
Std. delivery length	2100 ± 100 m					

Ordering Information

Fiber Type/Count	Dry Core	
	84	96
62.5/125-OM1	GAAE184	GAAE196
50/125-OM2 BW 600/1200	GAAE284	GAAE296
50/125-OM3	GAAED84	GAAED96
50/125-OM4	GAAEE84	GAAEE96
9/125 ITU G.652D	GAAE884	GAAE896
9/125 ITU G.655 C & D	GAAE784	GAAE796
Std. plywood reel (non-returnable)	Ø 1400 x 900 mm, Weight 120.0 kg	
Std. delivery length	2100 ± 100 m	

Fiber Color Coding

No.		No.		No.	
1	Red	5	Violet	9	Grey
2	Green	6	Pink	10	Brown
3	Blue	7	Orange	11	White
4	Yellow	8	Black	12	Aqua

Tube Color Coding

No.	
1	Red
2	Green
3 to 12	White