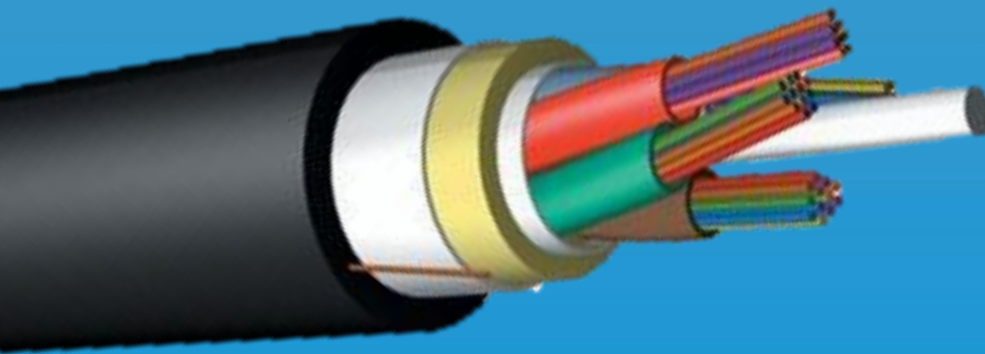


ADSS SPAN 200 Single Jacket

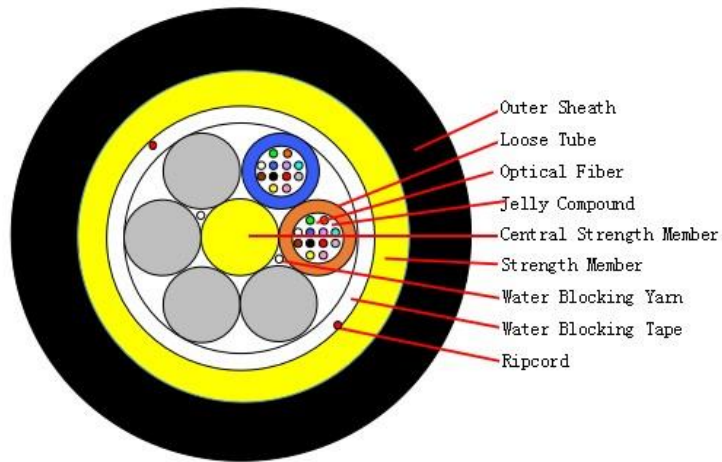
COMCAST GROUP



Technical data

No. of fiber		/	12		24		48
Span		m			200		
Design Strength Member+Tube&Filler		/			1+6		
Fiber type		/			G.652D		
Central Strength Member	Material	mm			FRP		
	Diameter				2.1±0.05		
Loose Tube	Material	mm			PBT		
	Diameter				1.8±0.05		2.0±0.05
	Thickness				0.30±0.05		0.32±0.05
	Fiber./per				6		12
Filler Rope	Material	mm			LDPE		
	Diameter				1.8±0.05		2.0±0.05
	NO.		4		2		2
Water Blocking Layer	Material	/			Water Blocking Yarn& Water Blocking Tape		
Additional Strength Member		/			Aramid Yarn		
Outer Sheath	Material	mm			MDPE		
	Thickness				1.5±0.1		
	Color				Black.		
Cable Diameter		mm			9.4±0.2		9.8±0.2
Cable Weight		kg/km			65±5.0		70±5.0

Draw



Fibre Color

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

Loose Tube Color

No.	1	2	3	4
Color	Blue	Orange	Green	Brown

The properties of single mode optical fiber (ITU-T Rec. G.652.D)

Item	Specification
Fiber type	Single mode
Fiber material	Doped silica
Attenuation coefficient @ 1310 nm @ 1383 nm @ 1550 nm @ 1625 nm	<input type="checkbox"/> 0.35 dB/km <input type="checkbox"/> 0.32 dB/km <input type="checkbox"/> 0.21 dB/km <input type="checkbox"/> 0.24dB/km
Point discontinuity	<input type="checkbox"/> 0.05 dB
Cable cut-off wavelength	<input type="checkbox"/> 1260 nm
Zero-dispersion wavelength	1300 ~ 1324 nm
Zero-dispersion slope	<input type="checkbox"/> 0.092 ps/(nm ² .km)
Chromatic dispersion @ 1288 ~ 1339 nm @ 1271 ~ 1360 nm @ 1550 nm @ 1625 nm	<input type="checkbox"/> 3.5 ps/(nm. km) <input type="checkbox"/> 5.3 ps/(nm. km) <input type="checkbox"/> 18 ps/(nm. km) <input type="checkbox"/> 22 ps/(nm. km)
PMD _Q (Quadrature average*)	<input type="checkbox"/> 0.2 ps/km ^{1/2}
Mode field diameter @ 1310 nm	9.2±0.4 μm
Core / Clad concentricity error	<input type="checkbox"/> 0.5 μm
Cladding diameter	125.0 ± 0.7 μm
Cladding non-circularity	<input type="checkbox"/> 1.0%
Primary coating diameter	245 ± 10 μm
Proof test level	100 kpsi (=0.69 Gpa), 1%
Temperature dependence 0oC~ +70oC @ 1310 & 1550nm	<input type="checkbox"/> 0.1 dB/km

Main mechanical & environmental performance test

Item	Test Method	Acceptance Condition
Tensile Strength IEC 60794-1-2-E1	- Load: 3600N - Length of cable: about 50m	- Fiber strain \leq 0.33% - Loss change \leq 0.1 dB @1550 nm
		- No fiber break and no sheath damage.
Crush Test IEC 60794-1-2-E3	- Load: 2000N/100mm - Load time: 1min	- Loss change \leq 0.1dB@1550nm - No fiber break and no sheath damage.
Impact Test IEC 60794-1-2-E4	- Points of impact: 3 - Times of per point: 1 - Impact energy: 5J	- Loss change \leq 0.1dB@1550nm - No fiber break and no sheath damage.
Temperature Cycling Test IEC60794-1-22-F1	- Temperature step: +20°C→-40°C→+70°C →+20°C - Time per each step: 12 hrs - Number of cycle: 2	- Loss change \leq 0.1 dB/km@1550 nm - No fiber break and no sheath damage.

Sheath marking

The optical fiber drop cable shall have sequentially numbered length marking at intervals of approximately 1 meter. The starting number of ordering length for any coil shall begin with zero meter. The accuracy of the measurement of length marking shall be held within the limits of \pm 1%.

- a) Manufacturer's name
- b) Type of wire
- c) Year and month of manufacture
- d) Length marking each meter along the wire

Please visit our website www.comcast-sa.com or contact your local sales representative.

Comcast México

Overseas Sales Subsidiary
Cal. Lázaro Cárdenas #1309
Col. Colón industrial CP.44940
Guadalajara, Jalisco
Tel. +52 33 38607059
Info.mx@comcast-sa.com

Comcast Guatemala

Overseas Sales Subsidiary
Av. Hincapié 28-45 zona 13
Guatemala city 01013
Tel. +506 4004 1400
Gerente.gua@comcast-sa.com

Comcast Nicaragua

Overseas Sales Subsidiary
3ra. Entrada las Colinas, Embajada
De cuba 1C, Este, Casa #34
Mangua, Nicaragua
Te, +1809 5711033
Admin.nic@comcast-sa.com

Comcast El Salvador

Overseas Sales Subsidiary
51 Av. Norte # 159 entre calle
poniente y Av. Roosevelt
San Salvador, El Salvador
Tel. +503 7950 4882
Info.sc@comcast-sa.com

Comcast Republican Dominican

Overseas Sales Subsidiary
Av. Nuñez de Cáceres #2 Plaza
Comercial Pradosur, Local 102
Santo Domingo, Dominican Rpublic
Te.+ 1 809 571 1033