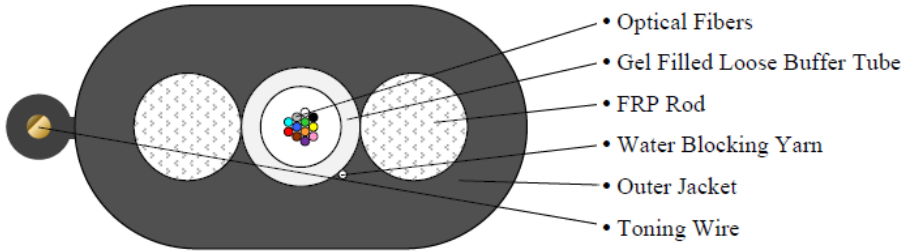


# FLAT DROP CABLE/TONING WIRE

[WLSGS-22-OC0007-XX]

Example for 12F Cable



- Not to scale -

Physical Characteristics	
Fiber count	2-12
Number of loose tubes	Up to 12
Fibers per loose tube	12
Loose tube diameter in (mm)	Nom. 2.0mm
Outer Jacket	BLACK HDPE
Cable diameter ± 0.3mm	4.3 x 10.1
Cable weight lb/ft (kg/km)	42

Mechanical & Environmental Characteristics		
Tensile Strength Installation	300lbf	1350N
Tensile Strength Operation	90lbf	400N
Operating Temperature	-40°C to 70°C	
Installation Temperature	-30°C to 70°C	
Transportation and Storage Temperature	-40°C to 70°C	
Minimum Bending Radius, with Load	160	
Minimum Bending Radius, with No Load	80	

Optical Fiber Electrical Performance	
Fiber Type	G.657.A1
Transmission Specifications	
Attenuation in the cable (dB/km)*	
1310 nm wavelength (Typical**/Max.)	< 0.35
1550 nm wavelength (Typical**/Max.)	< 0.25

\* Local attenuation discontinuities caused by cable winding on a reel are allowed  
 \*\* Typical attenuation is the real level of optical attenuation of at least 90% fibers after cabling

