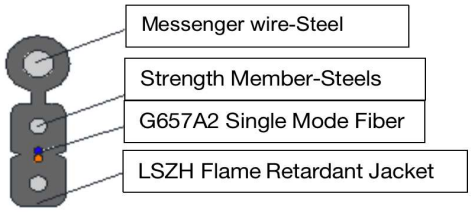
Web site: www.linkplus.com.es
Contact us: info@linkplus.com.es

CABLE PARAMETER					
Type		GJYXCH			
Description		**Flat Drop Cable with messenger wire**			
Fiber Type		G.657.A2			
Fiber Counts		**2**	**4**	**6**	**8**
Fiber	**Construction**				
Messenger Wire (mm)	**Material**	Steel			
	Diameter	0.8 mm | 1 mm			
Strength Member (mm)	**Material**	Steel			
	Diameter	0,4			
Sheath(Jacket)	**Material**	LSZH			
	Color	Black			
Cable Diameter Approx. (mm)		2.0×5.2	2.0×5.2	2.0×5.2	2.5×6
Weight of Drum(kg/piece)		2	2	2	2
Cable Weight (kg/2km)		38,4	39,2	42	43,6
Mechanical Performance		Tensile performance (N)		Crush (N/100mm)	
		Short term	Long term	Short term	Long term
		600	300	2200	1000
Minimum Bending Radius		Static		Dynamic	
		15*O.D.		30*O.D.	
Operating Temperature		- 40 ℃~ 60 ℃			
Color Code of Fiber					
1	2	3	4	5	6
Blue	Orange	Green	Brown	Gray	White
7	8	9	10	11	12
Red	Black	Yellow	Purple	Pink	Aqua
Testing					
Tensile Loading	**Test standard**	IEC 60794-1-2-E1A			
	Loading	Short 600N			
	Loading Time	1 min.			

	Test result	After test fiber strain should not be more than 0.4%. No fiber break and no sheath damage.
Crush	**Test standard**	IEC 60794-1-2-E3
	Steel plate	100 mm
	Loading	Consult table 4
	Number of cycles	3 points at interval of 500mm
	Loading time	1 min.
	Test result	Change of attenuation < 0.4 dB @ 1550nm. No fiber break and no cable damage.
Impact	**Test standard**	IEC 60794-1-2-E4
	Impact energy	1N, 1m high
	Number of cycles	3 points at interval of 500mm
	Test result	Change of attenuation < 0.4 dB @ 1550nm. No fiber break and no cable damage.
Repeat Bending Test	**Test standard**	IEC 60794-1-2-E6
	Mandrel Diameter	30D
	Loading	20N
	Times of bending	300 times
	Test result	Change of attenuation < 0.4 dB @ 1550nm. No fiber break and no cable damage.
Twist Torsion Test	**Test standard**	IEC 60794-1-2-E7
	Sample length	1 m
	Loading	20N
	Number of cycles	20 cycles
	Twist angle	± 180˚
	Test result	Change of attenuation < 0.4 dB @ 1550nm. No fiber break and no cable damage.
Bending Test	**Test standard**	IEC 60794-1-2-E11
	Mandrel Diameter	No more than twice static bending radius of cable
	Number of cycles	No less than 1 cycles, 4 rounds each cycles
	Test result	No fiber break and no cable damage.

Temperature Cycling Test	**Test standard**	IEC 60794-1-2-F1
	Number of cycles	2 cycle
	Temperature **Time**	-40˚C to + 60˚C 8 hours every temperature point
	Test result	Change of attenuation <0.3 dB/km@ 1550nm at the extreme operating temperature.