

CT-NJBSME

LS FIBER OPTIC LOOSE TUBE CABLE

Single Jacket Single Armor Central Loose Tube Cable

Description / Applications

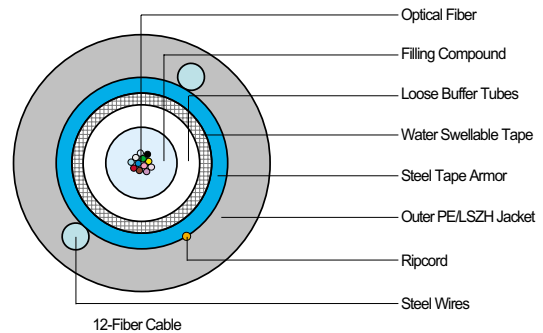
- Single Jacket Single armored Central loose tube cable is a UV-stabilized, fully water blocked cable for outdoor duct and direct burial applications.
- Loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications.
- This lightweight cable offers durability and flexibility required for many outside plant application.
- Compact design for limited conduit space
- The cables are well suited for campus-type environments in and between buildings without building entry joints
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) complied

Specification

- Telcordia GR-20-CORE
- IEC 60793, 60794
- IEC 60332-1, 3

Color Identification

01 - Blue	07 - Red	13 - Blue / Single stripe	19 - Red / Single stripe
02 - Orange	08 - Black	14 - Orange / Single stripe	20 - Natural
03 - Green	09 - Yellow	15 - Green / Single stripe	21 - Yellow / Single stripe
04 - Brown	10 - Violet	16 - Brown / Single stripe	22 - Violet / Single stripe
05 - Slate	11 - Rose	17 - Slate / Single stripe	23 - Rose / Single stripe
06 - White	12 - Aqua	18 - White / Single stripe	24 - Aqua / Single stripe



Mechanical Characteristics

Storage Temperature : -40 to + 70°C / Operating Temperature : -10 to + 70°C

Fiber Count	LSC Part Number	Nominal* Outer diameter		Nominal* Weight		Maximum Tensile Load				Crush Load				Minimum Bend Radius			
		[mm]	[inch]	[kg/km]	[lb/1000 ft]	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	Loaded	Installed				
2	CT-NJBSM□/□□-02	10.4	0.41	130/178	87/120	1,500	69	600	28	220	125	110	63	20.8	8.19	10.4	4.09
4	CT-NJBSM□/□□-04	10.4	0.41	130/178	87/120	1,500	69	600	28	220	125	110	63	20.8	8.19	10.4	4.09
6	CT-NJBSM□/□□-06	10.4	0.41	130/178	87/120	1,500	69	600	28	220	125	110	63	20.8	8.19	10.4	4.09
8	CT-NJBSM□/□□-08	10.4	0.41	130/178	87/120	1,500	69	600	28	220	125	110	63	20.8	8.19	10.4	4.09
10	CT-NJBSM□/□□-10	10.4	0.41	130/178	87/120	1,500	69	600	28	220	125	110	63	20.8	8.19	10.4	4.09
12	CT-NJBSM□/□□-12	10.4	0.41	130/178	87/120	1,500	69	600	28	220	125	110	63	20.8	8.19	10.4	4.09
18	CT-NJBSM□/□□-18	10.4	0.41	130/178	87/120	1,500	69	600	28	220	125	110	63	20.8	8.19	10.4	4.09
24	CT-NJBSM□/□□-24	10.4	0.41	130/178	87/120	1,500	69	600	28	220	125	110	63	20.8	8.19	10.4	4.09

*Denotes nominal value for PE / LSZH Jacketed Cable.

LSC Part No. CT-NJBSM□/□□-□□
③ ⑤ ⑥

Shipping Information

Standard Reel Length 4000m

*Other Cable lengths may be available upon request

CT-NJBGEN

LS FIBER OPTIC LOOSE TUBE CABLE

All Dielectric Single Jacketed Central Tube with Polyamide coat for Insect-resistant

Description / Applications

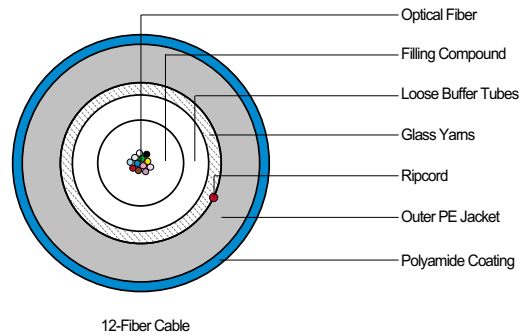
- All dielectric Single Jacket Central Loose Tube cable is a UV-stabilized, fully water blocked cable for outdoor duct applications.
- Polyamide coated sheath construction provides resistance against insects.
- Loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications.
- This lightweight cable offers durability and flexibility required for many outside plant uses.
- Compact design for limited conduit space

Specification

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- ITU-T G652

Color Identification

01 - Blue	05 - Slate	09 - Yellow
02 - Orange	06 - White	10 - Violet
03 - Green	07 - Red	11 - Pink
04 - Brown	08 - Black	12 - Aqua



Mechanical Characteristics

Storage Temperature : -20 to + 80°C / Operating Temperature : -10 to + 70°C

Fiber Count	LSC Part Number	Nominal* Outer diameter		Nominal* Weight		Maximum Tensile Load				Crush Load				Minimum Bend Radius			
		[mm]	[inch]	[kg/km]	[lb/1000 ft]	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	Loaded	Installed	Loaded	Installed		
2	CT-□□SJNA02-N	7.7	0.30	53	36	2,000	93	700	32	220	125	110	63	15.4	6.06	7.7	3.03
4	CT-□□SJNA04-N	7.7	0.30	53	36	2,000	93	700	32	220	125	110	63	15.4	6.06	7.7	3.03
6	CT-□□SJNA06-N	7.7	0.30	53	36	2,000	93	700	32	220	125	110	63	15.4	6.06	7.7	3.03
8	CT-□□SJNA08-N	7.7	0.30	53	36	2,000	93	700	32	220	125	110	63	15.4	6.06	7.7	3.03
10	CT-□□SJNA10-N	7.7	0.30	53	36	2,000	93	700	32	220	125	110	63	15.4	6.06	7.7	3.03
12	CT-□□SJNA12-N	7.7	0.30	53	36	2,000	93	700	32	220	125	110	63	15.4	6.06	7.7	3.03

LSC Part No.: CT□□SJNA□□-N
⑤ ⑥

Shipping Information

Standard Reel Length 4000m

*Other Cable lengths may be available upon request

LT-DJBG(K)E(Z)

LS FIBER OPTIC MULTI LOOSE TUBE CABLE

All Dielectric Single Jacket Non-Armor Loose Tube Cable

Description / Applications

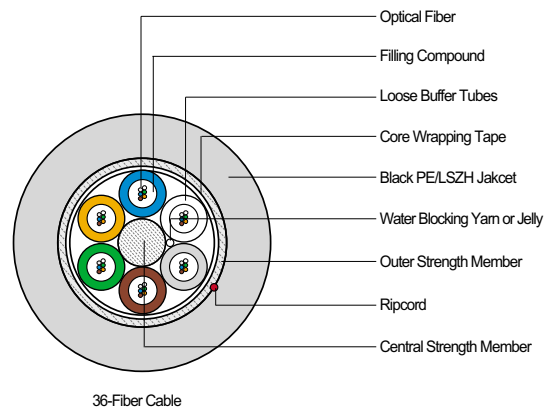
- All dielectric Single Jacket Multi Loose Tube cable is a UV-stabilized, fully water blocked cable for In/Outdoor duct applications.
- Loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications.
- This lightweight cable offers durability and flexibility required for many outside plant uses.
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) Complied

Specification

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- IEC 60332-1,3
- IEEE 383

Color Identification

01 - Blue	05 - Slate	09 - Yellow
02 - Orange	06 - White	10 - Violet
03 - Green	07 - Red	11 - Pink
04 - Brown	08 - Black	12 - Aqua



Mechanical Characteristics

Storage Temperature : -40 to + 70°C / Operating Temperature : -40 to + 70°C

Fiber Count	LSC Part Number	Nominal* Outer diameter		Nominal* Weight		Maximum Tensile Load				Crush Load				Minimum Bend Radius Loaded			
		[mm]	[inch]	[kg/km]	[lb/1000 ft]	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term		
6	LT-DJB□□/□/□□-06	10.5/11.2	0.41/0.44	86/115	58/77	2,700	125	1,000	46	110	63	55	31	21/22.4	8.27/8.82	10.5/11.2	4.13/4.41
12	LT-DJB□□/□/□□-12	10.5/11.2	0.41/0.44	86/115	58/77	2,700	125	1,000	46	110	63	55	31	21/22.4	8.27/8.82	10.5/11.2	4.13/4.41
24	LT-DJB□□/□/□□-24	10.5/11.2	0.41/0.44	86/115	58/77	2,700	125	1,000	46	110	63	55	31	21/22.4	8.27/8.82	10.5/11.2	4.13/4.41
36	LT-DJB□□/□/□□-36	10.5/11.2	0.41/0.44	86/115	58/77	2,700	125	1,000	46	110	63	55	31	21/22.4	8.27/8.82	10.5/11.2	4.13/4.41
48	LT-DJB□□/□/□□-48	11.0/11.7	0.43/0.46	92/130	62/87	2,700	125	1,000	46	110	63	55	31	22/23.4	8.66/9.21	11.0/11.7	4.33/4.61
72	LT-DJB□□/□/□□-72	11.0/11.7	0.43/0.46	92/130	62/87	2,700	125	1,000	46	110	63	55	31	22/23.4	8.66/9.21	11.0/11.7	4.33/4.61
96	LT-DJB□□/□/□□-96	12.1/13.7	0.48/0.54	113/167	76/112	2,700	125	1,000	46	110	63	55	31	24/27.4	9.53/10.79	12.1/13.7	4.76/5.39
120	LT-DJB□□/□/□□-120	13.6	0.54	139	93	2,700	125	1,000	46	110	63	55	31	27	10.71	13.6	5.35
144	LT-DJB□□/□/□□-144	15.0	0.59	167	112	2,700	125	1,000	46	110	63	55	31	30	11.81	15	5.9
228	LT-DJB□□/□/□□-228	15.8	0.62	178	120	2,700	125	1,000	46	110	63	55	31	32	12.44	15.8	6.22
276	LT-DJB□□/□/□□-276	17.0	0.67	212	142	2,700	125	1,000	46	110	63	55	31	34	13.39	17	6.69
300	LT-DJB□□/□/□□-300	17.7	0.70	228	153	2,700	125	1,000	46	110	63	55	31	35	13.94	17.7	6.97

*Denotes nominal value for PE / LSZH Jacketed Cable.

LSC Part No. LT-DJB □ □ / □ / □ □ - □ □
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Shipping Information

Standard Reel Length 4000m

*Other Cable lengths may be available upon request

LT-DJBEN

LS FIBER OPTIC MULTI LOOSE TUBE CABLE

All Dielectric Single Jacketed Multi Loose Tube with Polyamide Sheath for Insect-resistant

Description / Applications

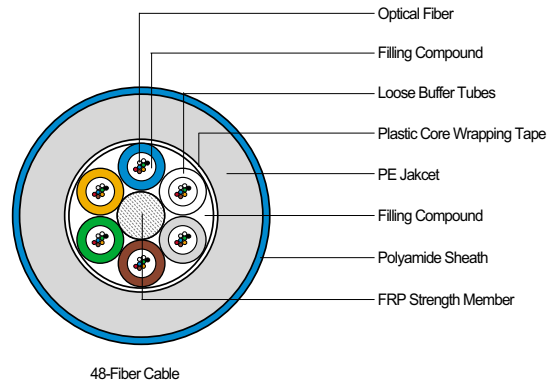
- All dielectric Single Jacket Multi Loose Tube cable is a UV-stabilized, fully water blocked cable for outdoor duct applications.
- Polyamide sheath construction provides resistance against insects.
- Loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications.
- This lightweight cable offers durability and flexibility required for many outside plant uses.

Specification

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- ITU-T G652

Color Identification

01 - Blue	05 - Slate	09 - Yellow
02 - Orange	06 - White	10 - Violet
03 - Green	07 - Red	11 - Pink
04 - Brown	08 - Black	12 - Aqua



Mechanical Characteristics

Storage Temperature : -40 to + 80°C / Operating Temperature : -30 to + 70°C

Fiber Count	LSC Part Number	Nominal* Outer diameter		Nominal* Weight		Maximum Tensile Load				Crush Load				Minimum Bend Radius			
		[mm]	[inch]	[kg/km]	[lb/1000 ft]	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	Loaded	Installed				
4	LT□□SJNA04-N	10.5	0.41	115	77	2,000	93	900	42	220	125	110	63	21.0	8.27	10.5	4.13
8	LT□□SJNA08-N	10.5	0.41	115	77	2,000	93	900	42	220	125	110	63	21.0	8.27	10.5	4.13
16	LT□□SJNA16-N	10.5	0.41	115	77	2,000	93	900	42	220	125	110	63	21.0	8.27	10.5	4.13
24	LT□□SJNA24-N	10.5	0.41	115	77	2,000	93	900	42	220	125	110	63	21.0	8.27	10.5	4.13
32	LT□□SJNA32-N	10.5	0.41	115	77	2,000	93	900	42	220	125	110	63	21.0	8.27	10.5	4.13
48	LT□□SJNA48-N	10.5	0.41	115	77	2,000	93	900	42	220	125	110	63	21.0	8.27	10.5	4.13

LSC Part No.: LT□□SJNA□□-N
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Shipping Information

Standard Reel Length 4000m

*Other Cable lengths may be available upon request

LT-D(M)JBG(K)SE(Z)

LS FIBER OPTIC MULTI LOOSE TUBE CABLE

Single Jacket Single Armor Loose Tube Cable

Description / Applications

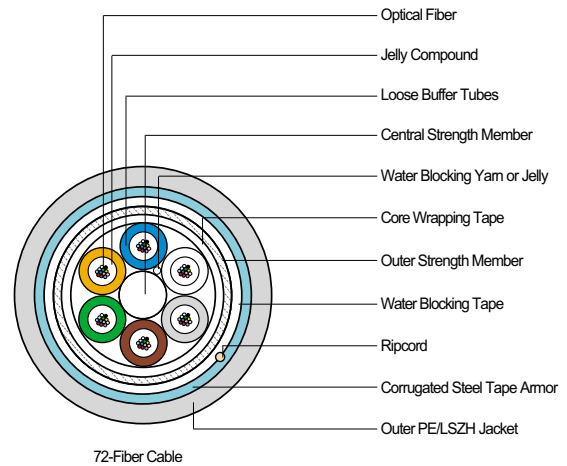
- Single jacket single armor loose tube fiber optic cable provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications.
- The cable offers durability and flexibility required for many outside plant uses where added compressive strength, rodent resistance
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) Complied

Specification

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- IEC 332-1,3
- IEEE 383

Color Identification

01 - Blue	05 - Slate	09 - Yellow
02 - Orange	06 - White	10 - Violet
03 - Green	07 - Red	11 - Pink
04 - Brown	08 - Black	12 - Aqua



Mechanical Characteristics

Storage Temperature : -40 to + 70°C / Operating Temperature : -10 to + 70°C

Fiber Count	LSC Part Number	Nominal* Outer diameter		Nominal* Weight		Maximum Tensile Load				Crush Load				Minimum Bend Radius Loaded			
		[mm]	[inch]	[kg/km]	[lb/1000 ft]	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	cm	inch	cm	inch		
6	LT-□JB□S□/□/□□-06	12.7	0.50	157/215	105/144	2,700	125	1,000	46	220	125	110	63	25.4	10.00	12.7	5.00
12	LT-□JB□S□/□/□□-12	12.7	0.50	157/215	105/144	2,700	125	1,000	46	220	125	110	63	25.4	10.00	12.7	5.00
24	LT-□JB□S□/□/□□-24	12.7	0.50	157/215	105/144	2,700	125	1,000	46	220	125	110	63	25.4	10.00	12.7	5.00
36	LT-□JB□S□/□/□□-36	12.7	0.50	157/215	105/144	2,700	125	1,000	46	220	125	110	63	25.4	10.00	12.7	5.00
48	LT-□JB□S□/□/□□-48	13.2	0.52	163/223	109/150	2,700	125	1,000	46	220	125	110	63	26.4	10.39	13.2	5.20
72	LT-□JB□S□/□/□□-72	13.2	0.52	163/223	109/150	2,700	125	1,000	46	220	125	110	63	26.4	10.39	13.2	5.20
96	LT-□JB□S□/□/□□-96	14.3	0.56	190/260	128/175	2,700	125	1,000	46	220	125	110	63	28.6	11.26	14.3	5.63
120	LT-□JB□S□/□/□□-120	15.8	0.62	225/308	151/207	2,700	125	1,000	46	220	125	110	63	31.6	12.44	15.8	6.22
144	LT-□JB□S□/□/□□-144	17.2	0.68	260/356	175/239	2,700	125	1,000	46	220	125	110	63	34.4	13.54	17.2	6.77
228	LT-□JB□S□/□/□□-228	18.0	0.71	279/382	187/257	2,700	125	1,000	46	220	125	110	63	36.0	14.17	18.0	7.09
276	LT-□JB□S□/□/□□-276	19.2	0.76	319/437	214/293	2,700	125	1,000	46	220	125	110	63	38.4	15.12	19.2	7.56
300	LT-□JB□S□/□/□□-300	19.9	0.78	340/466	228/313	2,700	125	1,000	46	220	125	110	63	39.8	15.67	19.9	7.83

*Denotes nominal value for PE /LSZH Jacketed Cable.

LSC Part No. LT-□JB□S□/□/□□-□□
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Shipping Information

Standard Reel Length 4000m

*Other Cable lengths may be available upon request

LT-D(M)JBG(K)ESE

LS FIBER OPTIC MULTI LOOSE TUBE CABLE

Double Jacket Single Armor Loose Tube Cable

Description / Applications

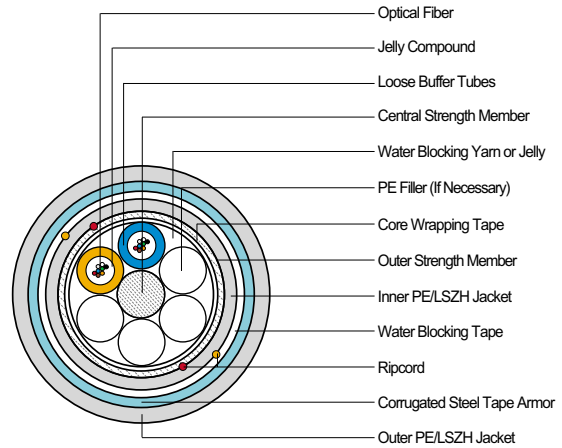
- Double jacket single armor loose tube fiber optic cable provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications.
- The cable offers durability and flexibility required for many outside plant uses where added compressive strength, rodent resistance
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) Complied

Specification

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- IEC 60332-1, 3
- IEEE 383

Color Identification

01 - Blue	05 - Slate	09 - Yellow
02 - Orange	06 - White	10 - Violet
03 - Green	07 - Red	11 - Pink
04 - Brown	08 - Black	12 - Aqua



Mechanical Characteristics

Storage Temperature : -40 to +70°C / Operating Temperature : -10 to +70°C

Fiber Count	LSC Part Number	Nominal* Outer diameter		Nominal* Weight		Maximum Tensile Load				Crush Load				Minimum Bend Radius			
		[mm]	[inch]	[kg/km]	[lb/1000 ft]	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	Loaded	Installed	Loaded	Installed		
6	LT-□JB□□□/□/□□-06	14.7	0.58	199/273	134/183	2,700	125	1,000	46	220	125	110	63	29.4	11.57	14.7	5.79
12	LT-□JB□□□/□/□□-12	14.7	0.58	199/273	134/183	2,700	125	1,000	46	220	125	110	63	29.4	11.57	14.7	5.79
24	LT-□JB□□□/□/□□-24	14.7	0.58	199/273	134/183	2,700	125	1,000	46	220	125	110	63	29.4	11.57	14.7	5.79
36	LT-□JB□□□/□/□□-36	14.7	0.58	199/273	134/183	2,700	125	1,000	46	220	125	110	63	29.4	11.57	14.7	5.79
48	LT-□JB□□□/□/□□-48	15.2	0.60	212/290	142/195	2,700	125	1,000	46	220	125	110	63	30.4	11.97	15.2	5.98
72	LT-□JB□□□/□/□□-72	15.2	0.60	212/290	142/195	2,700	125	1,000	46	220	125	110	63	30.4	11.97	15.2	5.98
96	LT-□JB□□□/□/□□-96	16.3	0.64	242/332	162/223	2,700	125	1,000	46	220	125	110	63	32.6	12.83	16.3	6.42
120	LT-□JB□□□/□/□□-120	17.8	0.70	280/384	188/258	2,700	125	1,000	46	220	125	110	63	35.6	14.02	17.8	7.01
144	LT-□JB□□□/□/□□-144	19.2	0.76	320/438	215/294	2,700	125	1,000	46	220	125	110	63	38.4	15.12	19.2	7.56
228	LT-□JB□□□/□/□□-228	20.0	0.79	340/466	228/313	2,700	125	1,000	46	220	125	110	63	40.0	15.75	20.0	7.87
276	LT-□JB□□□/□/□□-276	21.2	0.83	384/526	258/353	2,700	125	1,000	46	220	125	110	63	42.4	16.69	21.2	8.35
300	LT-□JB□□□/□/□□-300	21.9	0.86	407/558	273/374	2,700	125	1,000	46	220	125	110	63	43.8	17.24	21.9	8.62

*Denotes nominal value for PE / LSZH Jacketed Cable.

LSC Part No.



Shipping Information

Standard Reel Length 4000m

*Other Cable lengths may be available upon request

Mini Flex™ Cable

LS FIBER OPTIC MICRO UNIT CABLE

Single Jacket Non Armor Loose Tube Cable

Description / Applications

- USingle Jacket Central Tube cable is a UV-stabilized, fully water blocked cable for In/Outdoor Duct application
- u-unit, QAW* & gel-free design provides high fiber density, rapid installation, easy break-out of bundles & tubes
- The cable offers durability and flexibility required for many outside plant uses where added RoHS complied

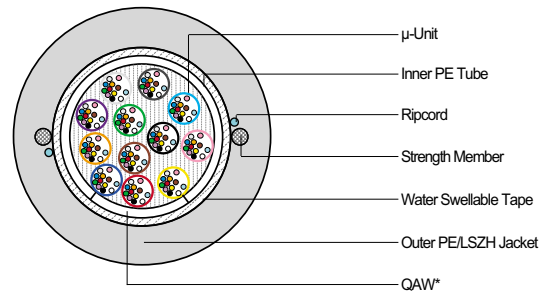
*Quick Access Window

Specification

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- IEC 60332-1, 3

Color Identification

01 - Blue	05 - Slate	09 - Yellow
02 - Orange	06 - White	10 - Violet
03 - Green	07 - Red	11 - Pink
04 - Brown	08 - Black	12 - Aqua



Mechanical Characteristics

Storage Temperature : -40 to + 70°C / Operating Temperature : -40 to + 70°C

Fiber Count	LSC Part Number	Nominal* Outer diameter		Nominal* Weight		Maximum Tensile Load				Crush Load				Minimum Bend Radius			
		[mm]	[inch]	[kg/km]	[lb/1000 ft]	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	Loaded	Installed	Loaded	Installed		
24	MF-NBVE □□ / □□ -24	10.0	0.39	75/103	50/69	1,100	51	800	37	220	125	110	63	20.0	7.87	10.0	3.94
48	MF-NBVE □□ / □□ -48	12.0	0.47	75/103	50/69	1,100	51	800	37	220	125	110	63	24.0	9.45	12.0	4.72
72	MF-NBVE □□ / □□ -72	13.0	0.51	110/151	74/102	1,100	51	800	37	220	125	110	63	26.0	10.24	13.0	5.12
96	MF-NBVE □□ / □□ -96	14.2	0.56	120/164	81/110	1,100	51	800	37	220	125	110	63	28.4	11.18	14.2	5.59
144	MF-NBVE □□ / □□ -144	14.2	0.56	130/178	87/120	1,100	51	800	37	220	125	110	63	28.4	11.18	14.2	5.59

*Denotes nominal value for PE / LSZH Jacketed Cable.

LSC Part No. MF- NBVE □□ / □□ - □□
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Shipping Information

Standard Reel Length 4000m

*Other Cable lengths may be available upon request

Ez Access™ Small Size Loose Tube Cable

LS FIBER OPTIC COMPACT CABLE

Single Jacket Single Armor Loose Tube Cable

Description / Applications

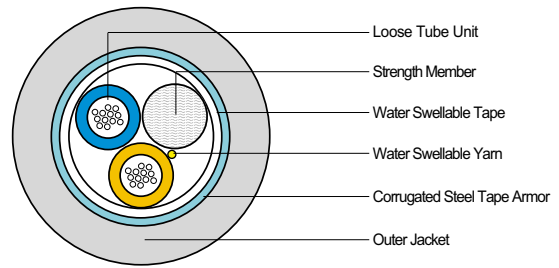
- Single Jacket Single Armor loose tube fiber cable is a UV-stabilized, fully water blocked cable for Outdoor Aerial application
- This small diameter & light weight cable offers durability and flexibility required for many outside plant application where added compressive strength, rodent resistance
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) Complied

Specification

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794

Color Identification

.01 - Blue	05 - Slate	09 - Yellow
02 - Orange	06 - White	10 - Violet
03 - Green	07 - Red	11 - Pink
04 - Brown	08 - Black	12 - Aqua



Mechanical Characteristics

Storage Temperature : -40 to +70°C / Operating Temperature : -40 to +70°C

Fiber Count	LSC Part Number	Nominal* Outer diameter		Nominal* Weight		Maximum Tensile Load				Crush Load				Minimum Bend Radius			
		[mm]	[inch]	[kg/km]	[lb/1000 ft]	Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	Loaded	Installed				
12	LT-DJBSE/B/□□-12	10.6	0.42	103	69	1,200	56	800	37	220	125	110	63	21.2	8.35	10.6	4.17
24	LT-DJBSE/B/□□-24	11.3	0.44	118	80	1,200	56	800	37	220	125	110	63	22.6	8.90	11.3	4.45

LSC Part No. LT-DJBSE/ B / □□ - □□
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