Series 11D

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· ···	IPERIOR	peepy			PRODUCT DESCR					
					Loose tube cables are the product of choice as the backbone in Outside					
						ironments. The dura		0		
UV Resistant Jacket					transmission performance over a broad temperature range. Optical fibers and water-blocking elements are placed inside gel-free buffer					
Water-Blocking Tape					tubes. The core is constructed by stranding the buffer tubes around a central member using a reverse oscillating lay (ROL). The core is					
Cont	ral Strength M	ombor				exible strength mem				
Centr	ai strengtri M	ember				ed with a black jack		-		
Optical Fiber in G	Gel-Free Buffe	r Tube			jacket for ease o	f entry.				
	Rip	Cords —			APPLICATIONS					
Dieleo	ctric Water-Bl	ockina			0	duct and lashed ae ution and feeder cal				
	Strength Me				,	etro, long-haul and		-k		
					<ul> <li>Local loop, mi</li> </ul>			ĸ		
PECIFICATIONS					FEATURES		BENEFITS			
ïber Count				to 432-fiber	<ul> <li>Available with</li> </ul>	n up to 432-fiber	<ul> <li>High fiber der</li> </ul>	nsity		
tandards Compliance		Telcordia® ( RDUP PE-90 ICEA S-87-6	) Designat		<ul> <li>Multiple fiber including corr</li> </ul>		Multiple network applications			
		RoHS-comp				<ul> <li>Central strength members</li> </ul>		<ul> <li>Metallic option offers ease</li> </ul>		
lcordia is a registered trade	emark of Ericsson In	ic.			available in m	etallic or dielectric		electric design ounding issues		
NVIRONMENTAL SI	PECIFICATIONS	S			<ul> <li>Dry (SAP) con</li> </ul>	re standard	<ul> <li>Reduces cable prep and installation time</li> </ul>			
peration/Storage		-40°C to +7			Charles I had		Reduces the number			
nstallation		-30°C to +7	0°C		<ul> <li>Standard tube for all fiber co</li> </ul>		of tools required			
PART NUMBER KEY					<ul> <li>(ael-tree tube)</li> </ul>	S	<ul> <li>Speeds fiber a</li> </ul>	access and cleani		
		_	_		<ul> <li>Gel-free tubes</li> </ul>	S	<ul> <li>Speeds fiber a</li> </ul>	access and cleanu		
1 1 _		x D	0	у	<ul> <li>Gel-free tube:</li> </ul>	S	<ul> <li>Speeds fiber a</li> </ul>	access and clean		
1 2 3	 4 5	6 7	8	9	<ul> <li>Gel-free tube:</li> </ul>	S	<ul> <li>Speeds fiber a</li> </ul>	access and clean		
1 2 3 Product Eiber co	 4 5 ount (006-432)	6 7 Fiber I	8 nternal	9 Water block/	Gel-free tube:	S	<ul> <li>Speeds fiber a</li> </ul>	access and cleanı		
1 2 3 Product	ount (006-432)	6 7 Fiber I type de	8 nternal esignator	9	Gel-free tube:	S	<ul> <li>Speeds fiber a</li> </ul>	access and clean		
1 2 3 Product family Fiber cc ontact Customer Service for	ount (006–432) r availability of non-	6 7 Fiber l type de standard offerings	8 nternal esignator	9 Water block/	Gel-free tube:	S	Speeds fiber a	access and clean		
1 2 3 Product family Fiber co	ount (006–432) r availability of non-	6 7 Fiber l type de standard offerings	8 nternal esignator	9 Water block/	Gel-free tube:	S	Speeds fiber a	access and clean		
1 2 3 Product Fiber cc family Fiber cc	ount (006–432) r availability of non-	6 7 Fiber l type de standard offerings	8 nternal esignator	9 Water block/	Gel-free tube:     Maximum Ter			Bend Radius		
1 2 3 Product family Fiber cc ntact Customer Service for ART NUMBERS ANI	ount (006-432) r availability of non- D PHYSICAL CI	6 7 Fiber I type de -standard offerings HARACTERIST Nominal I	8 nternal esignator	9 Water block/ marking (1-8)	Maximum Ter Install	nsile Loading Long Term	Minimum Install	Bend Radius Long Term		
1 2 3 Product family Fiber co ntact Customer Service for ART NUMBERS ANI Part Number <sup>1</sup>	ount (006–432) r availability of non- D PHYSICAL CI Fiber Count	6 7 Fiber I type de estandard offerings HARACTERIST Nominal I in (n	8 nternal ssignator  TICS Diameter nm)	9 Water block/ marking (1-8) Approx. Weight Ibs/kft (kg/km)	Maximum Ter Install Ibs (N)	nsile Loading Long Term Ibs (N)	Minimum Install in (mm)	Bend Radius Long Term in (mm)		
1       2       3         Product family       Fiber contract Customer Service for         ART NUMBERS AND         Part Number <sup>1</sup> 11006xD0y	ount (006–432) r availability of non- D PHYSICAL CI Fiber Count 6	6 7 Fiber de type de estandard offerings HARACTERIST Nominal I in (n 0.41 (	8 nternal esignator  TICS Diameter nm) 10.3)	9 Water block/ marking (1-8) Approx. Weight Ibs/kft (kg/km) 47 (70)	Maximum Ter Install Ibs (N) 600 (2,700)	nsile Loading Long Term Ibs (N) 200 (890)	Minimum Install in (mm) 8.2 (206)	Bend Radius Long Term in (mm) 4.1 (103)		
1       2       3         Product family       Fiber contract Customer Service for         ART NUMBERS ANI         Part Number <sup>1</sup> 11006xD0y         11012xD0y	punt (006-432) r availability of non- D PHYSICAL CI Fiber Count 6 12	6 7 Fiber   type de standard offerings HARACTERIST Nominal I in (n 0.41 ( 0.41 (	8 nternal ssignator  TICS Diameter nm) 10.3) 10.3)	9 Water block/ marking (1-8) Approx. Weight lbs/kft (kg/km) 47 (70) 47 (70)	Maximum Ter Install Ibs (N) 600 (2,700) 600 (2,700)	nsile Loading Long Term Ibs (N) 200 (890) 200 (890)	Minimum Install in (mm) 8.2 (206) 8.2 (206)	Bend Radius Long Term in (mm) 4.1 (103) 4.1 (103)		
1 2 3 Product family Fiber co intact Customer Service for PART NUMBERS AND Part Number <sup>1</sup> 11006xD0y 11012xD0y 11024xD0y	pount (006–432) r availability of non- D PHYSICAL CI Fiber Count 6 12 24	6 7 Fiber de type de standard offerings HARACTERIST Nominal I in (n 0.41 ( 0.41 ( 0.41 (	8 nternal sisignator CCS Diameter nn) 10.3) 10.3)	9 Water block/ marking (1-8) Approx. Weight lbs/kft (kg/km) 47 (70) 47 (70) 47 (70)	Maximum Ter Install Ibs (N) 600 (2,700) 600 (2,700) 600 (2,700)	nsile Loading Long Term Ibs (N) 200 (890) 200 (890) 200 (890)	Minimum Install in (mm) 8.2 (206) 8.2 (206) 8.2 (206)	Bend Radius Long Term in (mm) 4.1 (103) 4.1 (103) 4.1 (103)		
1       2       3         Product family       Fiber contract Customer Service for         ART NUMBERS AND         Part Number <sup>1</sup> 11006xD0y         11012xD0y         11036xD0y	pount (006-432) r availability of non- D PHYSICAL CI Fiber Count 6 12 24 36	6 7 Fiber de estandard offerings HARACTERIST Nominal I in (n 0.41 ( 0.41 ( 0.41 ( 0.41 (	8 nternal sisignator CCS Diameter nm) 10.3) 10.3) 10.3)	9 Water block/ marking (1-8) Approx. Weight Ibs/kft (kg/km) 47 (70) 47 (70) 47 (70) 47 (70)	Maximum Ter           Install Ibs (N)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)	nsile Loading Long Term Ibs (N) 200 (890) 200 (890) 200 (890) 200 (890)	Minimum Install in (mm) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206)	Bend Radius Long Term in (mm) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103)		
1       2       3         Product family       Fiber construct for Fiber construct customer Service for PART NUMBERS AND Part Number <sup>1</sup> 11006xD0y         11012xD0y         11024xD0y         11036xD0y         11048xD0y	pount (006-432) r availability of non- D PHYSICAL CI Fiber Count 6 12 24 36 48	6 7 Fiber de estandard offeringe HARACTERIST Nominal I in (r 0.41 ( 0.41 ( 0.41 ( 0.41 ( 0.41 (	8 nternal sisignator CCS Diameter mm) 10.3) 10.3) 10.3) 10.3)	9 Water block/ marking (1-8) Approx. Weight Ibs/kft (kg/km) 47 (70) 47 (70) 47 (70) 47 (70) 47 (70)	Maximum Ter           Install Ibs (N)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)	nsile Loading Long Term Ibs (N) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890)	Minimum Install in (mm) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206)	Bend Radius Long Term in (mm) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103)		
1       2       3         Product family       Fiber construct for Fiber construct customer Service for PART NUMBERS AND Part Number <sup>1</sup> 11006xD0y         11012xD0y         11024xD0y         11036xD0y         11048xD0y         11060xD0y	Dunt (006-432) r availability of non- D PHYSICAL CI Fiber Count 6 12 24 36 48 60	6 7 Fiber de standard offerings HARACTERIST Nominal I in (r 0.41 ( 0.41	8 nternal sisignator CCS Diameter nm) 10.3) 10.3) 10.3) 10.3) 10.3) 10.3)	9 Water block/ marking (1-8) Approx. Weight Ibs/kft (kg/km) 47 (70) 47 (70) 47 (70) 47 (70) 47 (70) 47 (70)	Maximum Ter           Install Ibs (N)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)	nsile Loading Long Term Ibs (N) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890)	Minimum Install in (mm) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206)	Bend Radius Long Term in (mm) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103)		
1       2       3         Product family       Fiber construct for Fiber construct Customer Service for PART NUMBERS AND Part Number <sup>1</sup> 11006xD0y         11012xD0y         11012xD0y         11036xD0y         11048xD0y         11060xD0y         11060xD0y         11072xD0y	Dunt (006-432) r availability of non- D PHYSICAL CI Fiber Count 6 12 24 36 48 60 72	6 7 Fiber de standard offerings HARACTERIST Nominal I in (r 0.41 ( 0.41 ( 0.41 ( 0.41 ( 0.41 ( 0.41 ( 0.41 ( 0.41 ( 0.43 (	8 nternal sisignator CCS Diameter nm) 10.3) 10.3) 10.3) 10.3) 10.3) 10.3) 11.0)	9 Water block/ marking (1-8) Approx. Weight lbs/kft (kg/km) 47 (70) 47 (70) 47 (70) 47 (70) 47 (70) 47 (70) 61 (91)	Maximum Ter           Install Ibs (N)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)	nsile Loading Long Term Ibs (N) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890)	Minimum Install in (mm) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.6 (220)	Bend Radius Long Term in (mm) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103)		
1       2       3         Product family       Fiber construct for Fiber construct for PART NUMBERS AND         Part Number <sup>1</sup> 11006xD0y         11012xD0y         11024xD0y         11036xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11096xD0y	Dunt (006-432) r availability of non- D PHYSICAL CI Fiber Count 6 12 24 36 48 60 72 96	6         7           Fiber type         de           standard offerings           HARACTERIST           Nominal I in (n           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.43 (           0.50 (	8 nternal sisignator TCS Diameter nm) 10.3) 10.3) 10.3) 10.3) 10.3) 10.3) 10.3) 11.0) 12.7)	9 Water block/ marking (1-8) Approx. Weight lbs/kft (kg/km) 47 (70) 47 (70) 47 (70) 47 (70) 47 (70) 61 (91) 79 (118)	Maximum Ter           Install Ibs (N)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)	nsile Loading Long Term Ibs (N) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890)	Minimum Install in (mm) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (200) 10.0 (254)	Bend Radius Long Term in (mm) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.3 (110) 5.0 (127)		
1       2       3         Product family       Fiber contract Customer Service for         ART NUMBERS AND         Part Number <sup>1</sup> 11006xD0y         11012xD0y         11024xD0y         11036xD0y         11048xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11096xD0y         11144xD0y	Dunt (006-432) r availability of non- D PHYSICAL CI Fiber Count 6 12 24 36 48 60 72 96 144	6         7           Fiber type         de           standard offerings           HARACTERIST           Nominal I in (n           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.43 (           0.43 (           0.50 (           0.63 (	8 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 Water block/ marking (1-8) Approx. Weight lbs/kft (kg/km) 47 (70) 47 (70) 47 (70) 47 (70) 47 (70) 61 (91) 79 (118) 124 (185)	Maximum Ter           Install Ibs (N)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)	nsile Loading Long Term Ibs (N) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890)	Minimum Install in (mm) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (200) 10.0 (254) 12.6 (320)	Bend Radius Long Term in (mm) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.3 (110) 5.0 (127) 6.3 (160)		
1         2         3           Product family         Fiber cc           ontact Customer Service for           PART NUMBERS ANI           Part Number <sup>1</sup> 11006xD0y           11012xD0y           11024xD0y           11036xD0y           11048xD0y           11060xD0y           11072xD0y           11096xD0y           11104xD0y           11092xD0y           11092xD0y           11192xD0y	Dent (006-432) r availability of non- D PHYSICAL CI Fiber Count 6 12 24 36 48 60 72 96 144 192	6         7           Fiber type         de           standard offerings           HARACTERIST           Nominal I in (n           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.43 (           0.50 (           0.63 (           0.69 (	8 nternal sisignator  1C5 Diameter nm) 10.3) 10.3) 10.3) 10.3) 10.3) 11.0) 12.7) 16.0) 17.6)	9 Water block/ marking (1-8) Approx. Weight lbs/kft (kg/km) 47 (70) 47 (70) 47 (70) 47 (70) 47 (70) 47 (70) 61 (91) 79 (118) 124 (185) 177 (264)	Maximum Ter           Install Ibs (N)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)	nsile Loading Long Term lbs (N) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890)	Minimum Install in (mm) 8.2 (206) 8.2 (206) 8.3 (206) 8.	Bend Radius Long Term in (mm) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.3 (110) 5.0 (127) 6.3 (160) 6.9 (176)		
1       2       3         Product family       Fiber cc         ontact Customer Service for         PART NUMBERS AND         Part Number <sup>1</sup> 11006xD0y         11012xD0y         11024xD0y         11036xD0y         11048xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11060xD0y         11096xD0y         11144xD0y	Dunt (006-432) r availability of non- D PHYSICAL CI Fiber Count 6 12 24 36 48 60 72 96 144	6         7           Fiber type         de           standard offerings           HARACTERIST           Nominal I in (n           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.41 (           0.43 (           0.43 (           0.50 (           0.63 (	8 nternal sisignator  CCS  Diameter nm)  10.3)  10.	9 Water block/ marking (1-8) Approx. Weight lbs/kft (kg/km) 47 (70) 47 (70) 47 (70) 47 (70) 47 (70) 61 (91) 79 (118) 124 (185)	Maximum Ter           Install Ibs (N)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)           600 (2,700)	nsile Loading Long Term Ibs (N) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890) 200 (890)	Minimum Install in (mm) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (206) 8.2 (200) 10.0 (254) 12.6 (320)	Bend Radius Long Term in (mm) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.1 (103) 4.3 (110) 5.0 (127) 6.3 (160)		

IBER TYPES:	SINGLE MO	DE	
	Paducad	Zoro	

	Reduced Water Peak V	Zero Water Peak	TeraFlex <sup>®</sup> Bend Resistant					TeraGain®	TeraFlex Bend Resistant Laser Optimized 50/125			
			G.657.A1	G.657.A2	G.657.B3	NZDS	LEAF		62.5/125	10G/150	10G/300	10G/550
<sup>1</sup> Replace "x" with:	3	2	K	J	L	8	S		6	Μ	Ν	Р
See "Optical Fiber Specifications" in the "Technical Info" section for detailed fiber type specifications.												

Se Sp ciţ

800.551.8948

WATER	BLOCK	AND	JACKET	PRINT	CODES
			-	-	

SUPERIOR ESSEX

	Dry	core	Dry core special		
	Feet	Meters	Feet	Meters	
<sup>1</sup> Replace "v" with:	1	2	5	6	

C

F