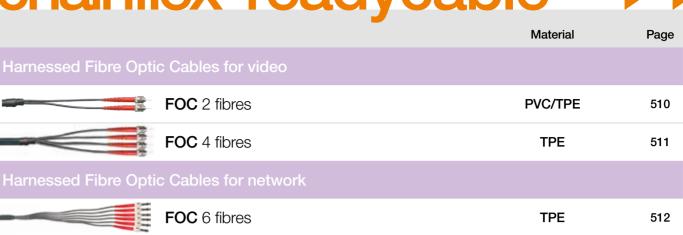
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Fibre Optic Cables arnessed

chainflex® readycable®

FOC 12 fibres



Guarantee

TPE

512

igus 36-month chainflex cable guarantee and service life calculator based on 2 billion test cycles per year



o.z. LIN-TECH HENNLICH s.r.o.

Českolipská 9, 412 01 Litoměřice

Harnessed Fibre Optic Cables for video

* Technical information on the cable quality:

TPE **TPE-ROBOT** from page 214 from page 220 from page 388

	Harnessed Fibre C	Optic Cables, glass-fibre, 2	! fibres, to you	ır required lenç	gth	
Cable quality	Part No.	Base article	No. of fibres	Fibre diameter	Ø	Bend radius
					[mm]	[x d]
ST/ST Conn	ector	-	7.55			7
Pre-harnessed	l at both ends	2				3
PVC	LWL99230001	CFLG88.2.50/125	2	50/125	7.0	7.5
PVC	LWL99230002	CFLG88.2.62.5/125	2	62.5/125	7.0	7.5
TPE H*	LWL90412394	CFLG.2LB.50/125	2	50/125	8.5	5
TPE H*	LWL90412397	CFLG.2LB.62.5/125	2	62.5/125	8.5	5
TPE H*	LWL9040086	CFLG.4LB.50/125	4	50/125	9.0	5
TPE H*	LWL9040085	CFLG.4LB.62.5/125	4	62.5/125	9.0	5
TPE Robot	LWL90422492	CFROBOT5.501	2	50/125	8.5	10
TPE Robot	LWL90422495	CFROBOT5.500	2	62.5/125	8.5	10
ST/LC Conn	ector					
			-			100
Pre-harnessed						
PVC	LWL99230007	CFLG88.2.50/125	2	50/125	7.0	7.5
PVC	LWL99230008	CFLG88.2.62.5/125	2	62.5/125	7.0	7.5
TPE H*	LWL90412393 1)	CFLG.2LB.50/125	2	50/125	8.5	5
TPE H*	LWL90412396 1)	CFLG.2LB.62.5/125	2	62.5/125	8.5	5
TPE H*	LWL9040093	CFLG.4LB.50/125	4	50/125	9.0	5
TPE H*	LWL9040094	CFLG.4LB.62.5/125	4	62.5/125	9.0	5
TPE Robot	LWL90422491 ¹⁾	CFROBOT5.501	2	50/125	8.5	10
TPE Robot	LWL90422494	CFROBOT5.500	2	62.5/125	8.5	10
LC/LC Conn	nector			100		
Pre-harnessed	at both ends					
PVC	LWL99230005	CFLG88.2.50/125	2	50/125	7.0	7.5
PVC	LWL99230006	CFLG88.2.62.5/125	2	62.5/125	7.0	7.5
TPE H*	LWL90412395	CFLG.2LB.50/125	2	50/125	8.5	5
TPE H*	LWL90412398	CFLG.2LB.62.5/125	2	62.5/125	8.5	5
TPE H*	LWL90425050	CFLG.4LB.50/125	4	50/125	9.0	5
TPE H*	LWL9040092	CFLG.4LB.62.5/125	4	62.5/125	9.0	5
TPE Robot	LWL90422493	CFROBOT5.501	2	50/125	8.5	10
TPE Robot	LWL90422496	CFROBOT5.500	2	62.5/125	8.5	10

¹⁾When installing this cable as an extension, 2 ST connectors (MAT0176314) must also be ordered.

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. G = with green-yellow earth core <math>x = without earth core

igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

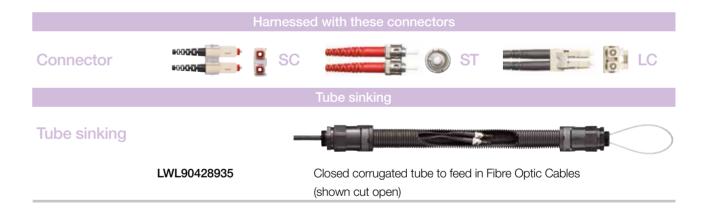
Harnessed Fibre Optic Cables for video

* Technical information on the cable quality:

TPE TPE-ROBOT PVC from page 214 from page 220 from page 388

	Harnessed Fibre	Optic Cables, glass-fibre, 2	fibres, to you	ur required lenç	gth	
Cable quality	Part No.	Base article	No. of fibres	Fibre diameter	Ø	Bend radius
					[mm]	[x d]
SC/SC Con	nector					
Pre-harnesse	d at both ends	4 - BOOK				VIOLEN - Y
PVC	LWL99230003	CFLG88.2.50/125	2	50/125	7.0	7.5
PVC	LWL99230004	CFLG88.2.62.5/125	2	62.5/125	7.0	7.5
ST/SC Con	nector	-	1	12.00		**************************************
Pre-harnesse	d at both ends					- 1
PVC	LWL99230009	CFLG88.2.50/125	2	50/125	7.0	7.5
PVC	LWL99230010	CFLG88.2.62.5/125	2	62.5/125	7.0	7.5
LC/SC Con	nector					- M000M
Pre-harnesse	d at both ends	=				FOODING - 1
PVC	LWL99230011	CFLG88.2.50/125	2	50/125	7.0	7.5
PVC	LWL99230012	CFLG88.2.62.5/125	2	62.5/125	7.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. G = with green-yellow earth core <math>x = without earth coreigus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915









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* Technical information on the cable quality:

from page 220

Harnessed	Fibre Optic Cables, gla	ss-fibre, 6/12 fibres	, to your require	d length	
Cable quality	Part No.	No. of fibres	Fibre diameter	Ø	Bend radius
				[mm]	[x d]
				1005	NAME OF TAXABLE PARTY.
ST/ST Connector					
Pre-harnessed at both er	nds			- Table	-
TPE H*	LWL9040091	6	50/125	11.0	5
TPE H*	LWL9040090	6	62.5/125	11.0	5
TPE H*	LWL90428938	12	50/125	14.0	5
TPE H*	LWL90428937	12	62.5/125	14.0	5
LC/LC Connector		W -01			
Pre-harnessed at both er					_
TPE H*	LWL90428946	6	50/125	11.0	5
TPE H*	LWL90428945	6	62.5/125	11.0	5
TPE H*	LWL90428942	12	50/125	14.0	5
TPE H*	LWL90428941	12	62.5/125	14.0	5
00/00 0					-
SC/SC Connector					-
					- 1000
Pre-harnessed at both en	nas				
Pre-harnessed at both en	LWL90428944	6	50/125	11.0	5
		6	50/125 62.5/125	11.0 11.0	5 5
TPE H*	LWL90428944				

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example images. igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

Harnessed with these connectors				
Connector	00000	SC ST LC		
		Tube sinking		
Tube sinking — Tube sinking				
	LWL90428935	Closed corrugated tube to feed in Fibre Optic Cables (shown cut open)		

EPLAN download, configurators ▶ www.igus.eu/network



Harnessed Fibre Optic Cables for network | TPE

* Technical information on the cable quality:

from page 220

Cable quality	Part No.	No. of fibres	Fibre diameter	Ø	Bend radius
				[mm]	[x d]
ST/ST Connector				19597 19597 19597	
Pre-harnessed at both ends					
Tro-namessed at both chas	LWL9040030	6	50/125	10.0	10
	LWL9040045	6	62.5/125	10.0	10
incl. conversion to SC	LWL9040032	6	50/125	10.0	10
incl. conversion to SC	LWL9040047	6	62.5/125	10.0	10
incl. conversion to LC	LWL9040031	6	50/125	10.0	10
incl. conversion to LC	LWL9040046	6	62.5/125	10.0	10
ST/ST Connector				manufacture of the second of t	E
Pre-harnessed at both ends		40	50/405	40.0	10
	LWL9040060	12	50/125	10.0	10
incl. conversion to SC	LWL9040075 LWL9040062	12 12	62.5/125 50/125	10.0	10
incl. conversion to SC	LWL9040062 LWL9040077	12	62.5/125	10.0	10
incl. conversion to SC	LWL9040077 LWL9040061	12	50/125	10.0	10
incl. conversion to LC	LWL9040061 LWL9040076	12	62.5/125	10.0	10

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. G = with green-yellow earth core x = without earth core



Tube sinking



LWL90428936

(Closed corrugated tube to feed in Fibre Optic Cables
(shown cut open)

	Fibre identification	
Part No.	Fibre identification	Hollow core identification
CFLG.6G.62,5/125.TC	ecru, yellow, green, red, violet, blue	orange
CFLG.6G.50/125.TC	ecru, yellow, green, red, violet, blue	blue
CFLG.12G.62,5/125.TC	ecru, yellow, green, red, violet, blue, light blue, grey, brown, black, orange, pink	orange
CFLG.12G.50/125.TC	ecru, yellow, green, red, violet, blue, light blue, grey, brown, black, orange, pink	blue



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