

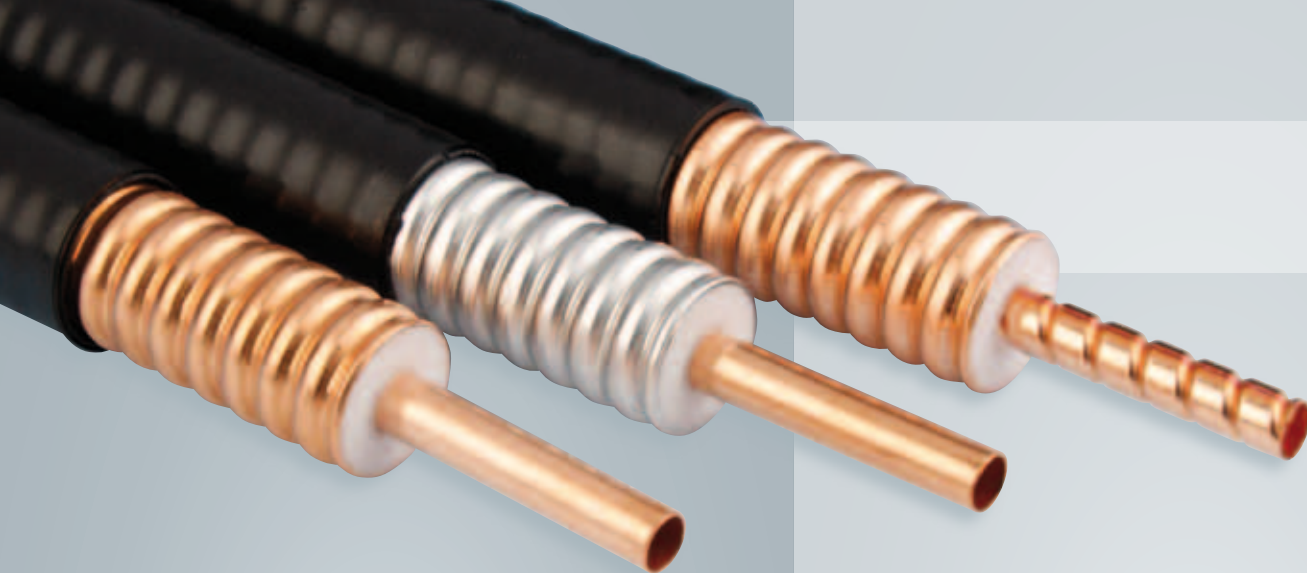


SPINNER || MULTIFIT™ CONNECTOR LINE



Edition 6/2012

High Frequency Performance Worldwide
www.spinner-group.com



■ Sichere und einfache Installation

- Identische Montage auf allen Kabelvarianten
- Exakter Kabelzuschnitt mit Sägelehre oder Montagewerkzeug möglich

■ Niedriges VSWR bis 6,0 GHz

■ Geringe Intermodulation

■ Erfüllt höchste Ansprüche an Dichtheit

- Längsdichter Steckanschluss verhindert Eindringen von Feuchtigkeit in das Kabel
- Sichere Langzeitdichtheit unter allen Einsatzbedingungen

■ Reduzierter Logistikaufwand

- Kompatibilität zu allen marktüblichen Wellmantel-Kabeln
- Passend auf Kabel mit glattem und schraubgewelltem Innenleiter
- Geeignet für Kabel mit Kupfer- und Aluminium-Außenleiter

■ Safe and easy installation

- Identical installation of all cable varieties
- Possibility of accurate trimming of cable with cutting guide or preparation tool

■ Low VSWR up to 6.0 GHz

■ Low intermodulation

■ Fulfills highest sealing requirements

- Barrier sealed connector interface to stop moisture penetrating the cable
- Reliable long-term sealing even under severe operating conditions

■ Reduces storage costs

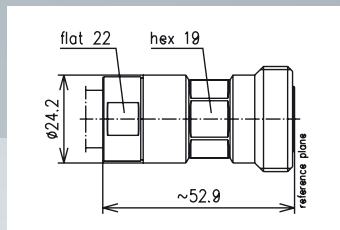
- Compatibility with most commercially cables with corrugated outer conductor
- Fits on cables with smooth and corrugated inner conductor
- Suitable for cables with copper and aluminium outer conductor



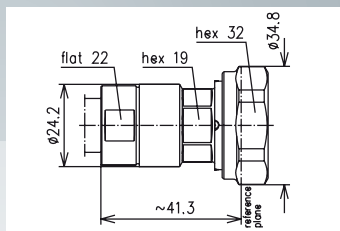
Die innovative MultiFit™ Steckverbinder Linie für SPINNERFlex™ gewährleistet die Kompatibilität zu allen marktüblichen Wellmantel-Kabeln.				The innovative SPINNER MultiFit™ connector line for SPINNER Flex™ Cable is compatible with most commercially available corrugated cables.			
Mehrfache Lagerhaltungskosten und Montagefehler durch verschiedenartige und komplexe Installationsmöglichkeiten gehören damit der Vergangenheit an.				Excessive storage costs and installation errors caused by multiple complex fitting variations are thus a matter of the past.			
Die bekannte SPINNER-Qualität vereint hervorragende VSWR- und PIM-Eigenschaften mit einfacher Montage. MultiFit™ Steckverbinder garantieren höchste Ansprüche an die Dichtheit.				The renowned SPINNER quality combines excellent VSWR and PIM characteristics with simple fitting. MultiFit™ connectors guarantee highest demands on tightness.			
Frequenzbereich Frequency range	LF 1/2"-50 7-16 N		LF 7/8"-50 7-16 N		LF 1 1/4"-50 7-16 N		LF 1 5/8"-50 7-16 N
0 < f ≤ 1.0 GHz	VSWR ≤ 1.02		VSWR ≤ 1.02		VSWR ≤ 1.02		VSWR ≤ 1.02
1 < f ≤ 2.2 GHz 2.2 < f ≤ 2.7 GHz	VSWR ≤ 1.03		VSWR ≤ 1.03		VSWR ≤ 1.03 VSWR ≤ 1.06		VSWR ≤ 1.03 VSWR ≤ 1.06
2.7 < f ≤ 3.8 GHz	VSWR ≤ 1.06	VSWR ≤ 1.08	VSWR ≤ 1.06	VSWR ≤ 1.08	VSWR ≤ 1.08 (2.7 < f ≤ 3.3 GHz)		–
3.8 < f ≤ 6.0 GHz	VSWR ≤ 1.10		–		–		–
Schutzgrad Degree of protection	IP68 (gesteckt/mated)						
Intermodulation (IM3) 2 x 20 W	≤ -156 dBc / typ. -165 dBc						
* VSWR Werte nur für gerade Steckverbinder gültig / VSWR values only for straight connectors							
SPINNERFlex™ other compatible cable:	LF 1/2"-50		LF 7/8"-50		LF 1 1/4"-50		LF 1 5/8"-50
Acome	HPL50-1/2 F		HPL50-7/8 ALU, HPL50-7/8 F, HPL50-7/8 LA		HPL50-1 1/4 F		–
Andrew	LDF4-50A		AL5-50, AVA5-50, VXL5-50		LDF6-50, AVA6-50		AVA7-50
Draka	RFA 1/2"-50		RFA 7/8"-50, RFA 7/8"-50 AL, RFE 7/8"-50		RFA 1 1/4"-50		RFA 1 5/8"-50, RFA 1 5/8"-50 AL
Eupen	EC4-50		EA5-50 Aluminium, EC5-50-A, EC5-50-HF		EC6-50-A, EC6-50-HF		EC7-50-A
Hansen	RF 50 1/2"		RF 50 7/8"		RF 50 1 1/4"		RF 50 1 5/8"
Hengxin	HCAAY-50-12		HCTAY-50-22		–		–
Leoni	FlexLine 1/2" R		FlexLine 7/8" R Low Loss		FlexLine 1 1/4" R Low Loss FlexLine 1 1/4" R		FlexLine 1 5/8" R Low Loss
LS Cable	HFC 12D Flexible Foam		LHF 22D, HFC 22D		LHF 33D Low Loss HFC 33D Flexible Foam		LHF 42D Low Loss HFC 42D Flexible Foam
RFS	LCF 12-50, LCF 12-50 L		LCF 78-50 A, LCF 78-50 L, UCF 78-50 A, UCF 78-50 L		LCF 114-50 A, LCFS 114-50 L, UCF 114-50 A, UCF 114-50 L		LCF 158-50 A, LCF 158-50 L

Steckverbinder – Connector types

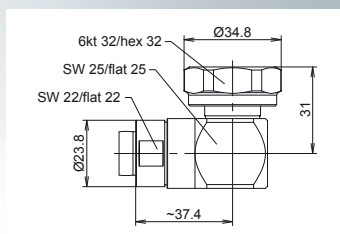
Kabeltyp – Cable type LF 1/2"-50



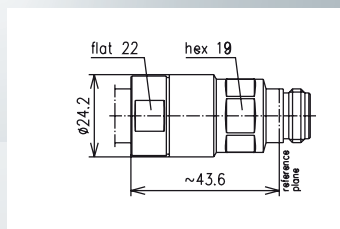
BN 65 43 17
7-16 Kuppler/socket



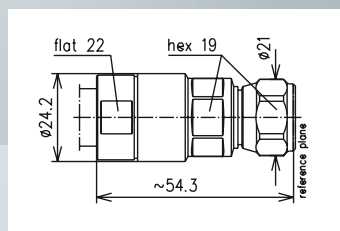
BN 85 43 17
7-16 Stecker/plug



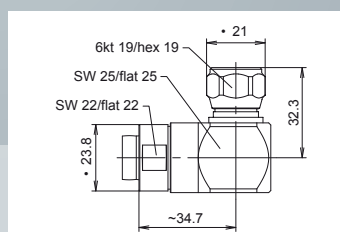
BN 85 43 16
7-16 Winkelstecker/plug right angle



BN 84 64 17
N Kuppler/socket



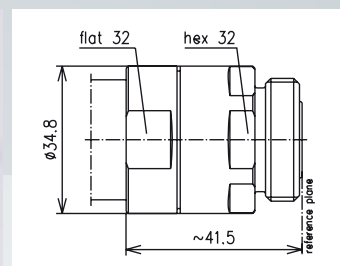
BN 70 64 17
N Stecker/plug



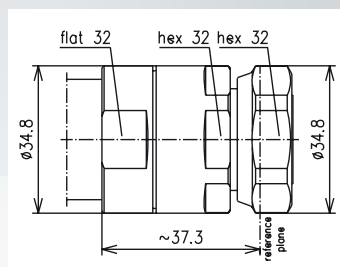
BN 70 64 16
N Winkelstecker/plug right angle

Steckverbinder – Connector types

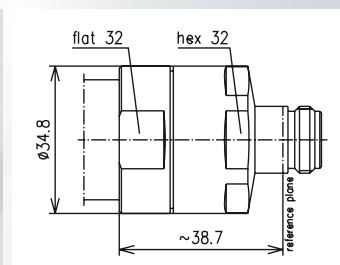
Kabeltyp – Cable type LF 7/8"-50



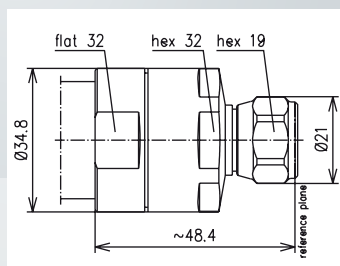
BN 65 43 02
7-16 Kuppler/socket



BN 85 43 02
7-16 Stecker/plug

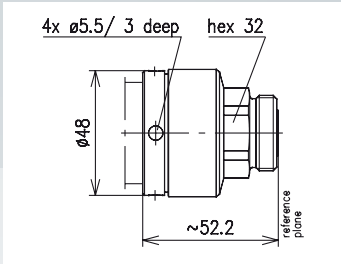


BN 84 64 02
N Kuppler/socket

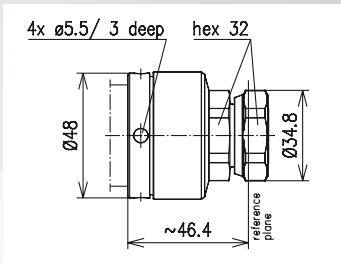


BN 70 64 02
N Stecker/plug

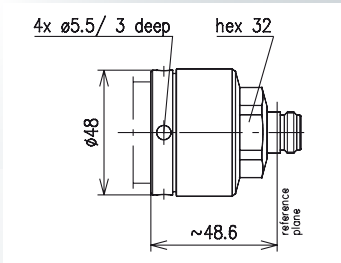
Steckverbinder – Connector types
Kabeltyp – Cable type LF 1 1/4"-50



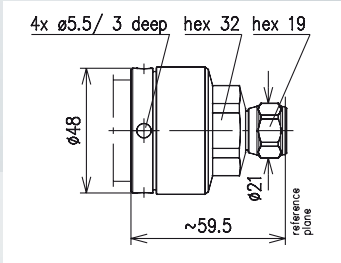
BN 65 43 20
7-16 Kuppler/socket



BN 85 43 20
7-16 Stecker/plug

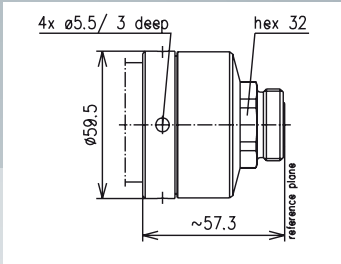


BN 84 64 20
N Kuppler/socket

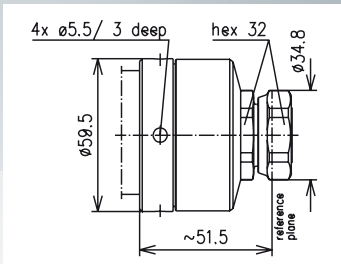


BN 70 64 20
N Stecker/plug

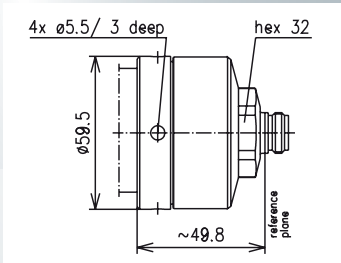
Steckverbinder – Connector types
Kabeltyp – Cable type LF 1 5/8"-50



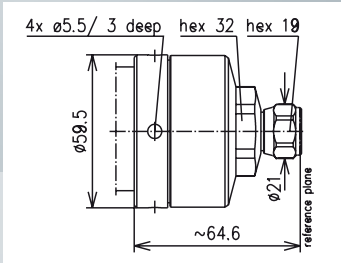
BN 65 43 22
7-16 Kuppler/socket



BN 85 43 22
7-16 Stecker/plug



BN 84 64 22
N Kuppler/socket



BN 70 64 22
N Stecker/plug

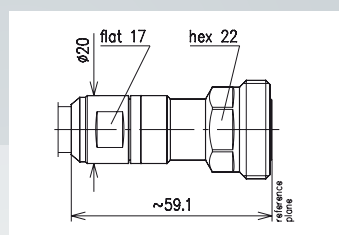
Steckverbinder – Connector types

Kabeltyp – Cable type SF 1/2"-50

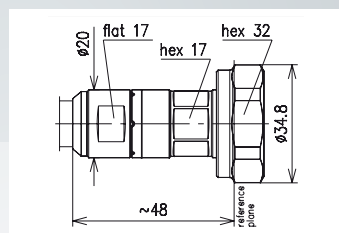
Frequenzbereich Frequency range	SF 1/2"-50	
	7-16	N
$0 < f \leq 1.0 \text{ GHz}$	$\text{VSWR} \leq 1.02$	
$1 < f \leq 2.2 \text{ GHz}$ $2.2 < f \leq 2.7 \text{ GHz}$	$\text{VSWR} \leq 1.03$	
$2.7 < f \leq 3.8 \text{ GHz}$	$\text{VSWR} \leq 1.06$	$\text{VSWR} \leq 1.08$
$3.8 < f \leq 6.0 \text{ GHz}$	$\text{VSWR} \leq 1.14$	
Schutzgrad Degree of protection	IP68 (gesteckt/mated)	
Intermodulation (IM3) 2 x 20 W	$\leq -156 \text{ dBc} / \text{typ. } -165 \text{ dBc}$	

* VSWR Werte nur für gerade Steckverbinder gültig
VSWR values only for straight connectors

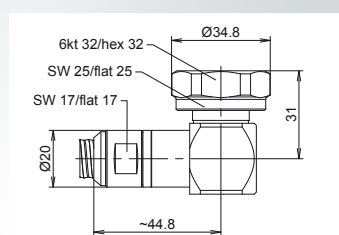
SPINNERFlex™ other compatible cable:	SF 1/2"-50
Acome	HPL50-1/2 SF
Andrew	FSJ4-50B
Draka	RFF 1/2"-50
Eupen	EC4-50-HF
Hansen	RF 50 1/2" S
Hengxin	HRCAY-50-9
Leoni	FlexLine 1/2" S
LS Cable	HFSC 12D
RFS	SCF12-50



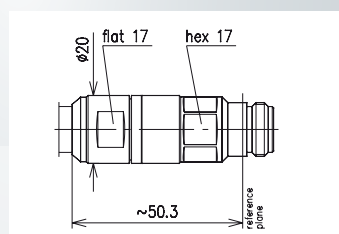
BN 71 03 71
7-16 Kuppler/socket



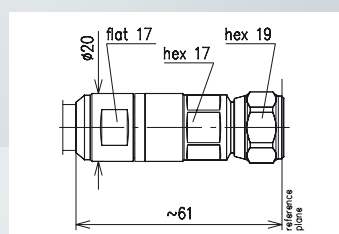
BN 84 73 71
7-16 Stecker/plug



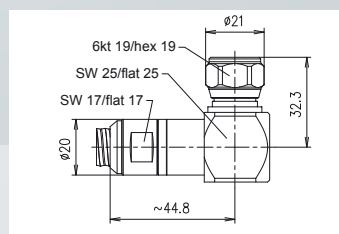
BN 84 73 74
7-16 Winkelstecker/plug right angle



BN 84 60 71
N Kuppler/socket



BN 87 01 71
N Stecker/plug



BN 87 01 74
N Winkelstecker/plug right angle



Kabeltyp Cable type	BN
SF 1/2"-50	54 13 54
LF 1/2"-50	54 13 87
LF 7/8"-50	54 13 01



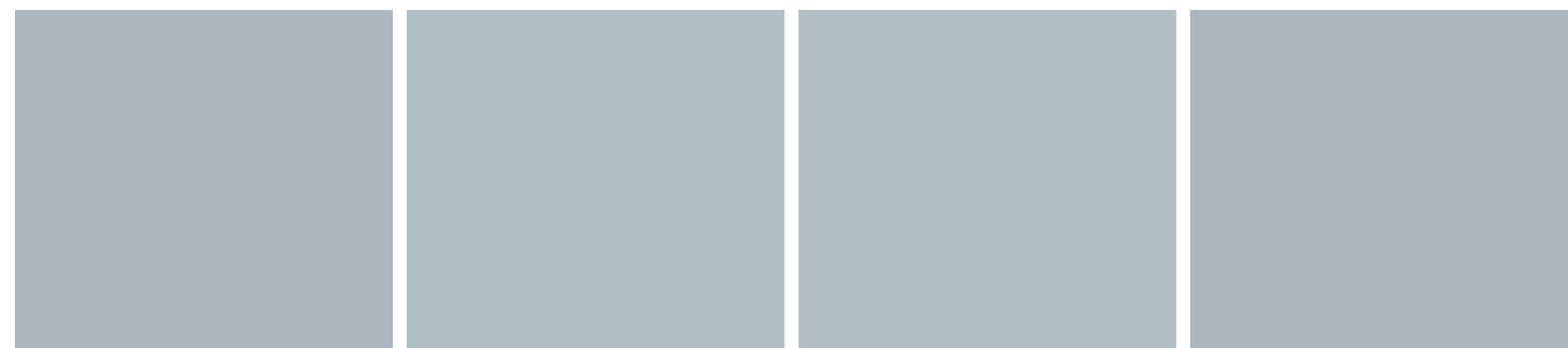
Kabeltyp Cable type	BN
LF 1 1/4"-50	54 13 46
LF 1 5/8"-50	54 13 46



Sägelehre im Lieferumfang
Cutting guide including



Absetzen mit Sägelehre
Trimming with cutting guide



Figures not binding | Designs subject to modification

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Certified according to DIN EN ISO 9001 / 14001