

Rosenberger SLink™ Connectors



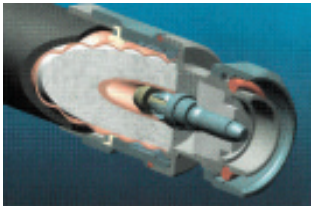
Rosenberger offers a complete range RosenbergerSLink™ connectors covered N and 7/16 DIN series which are used for a variety of RosenbergerSLink™ cables from 1/4" to 1 5/8".

As a result, a bespoke connection solution for mobile radio station is possible. RosenbergerSLink™ connectors are extremely robust, waterproof coaxial connectors with outstanding electrical, mechanical and climatic characteristics.

The product range covers straight and right angle connectors for various types of RosenbergerSLink™ cables from 1/4" to 1 5/8".



Overview

Type	Sealing Design	
JacSeal+	The sealing against water and moisture is performed at the jacket of the cable. The interface is sealed additionally.	
JacSeal	The sealing against water and moisture is performed at the jacket of the cable.	
CorSeal	The sealing against water and moisture is performed at the corrugation of the cable.	

The connectors are available in different sealing designs as JacSeal+, JacSeal and CorSeal Types.

Technical Data

	N Series	7/16 Series
Nominal impedance	50 Ω	50 Ω
Frequency range	DC - 11 GHz	DC - 8.3 GHz
Insertion loss	0.1 dB	0.05 dB
Intermodulation	- 158 dBc @ 2 x 20 W	- 158 dBc @ 2 x 20 W
RF- Leakage	< - 128 dB @ 1 GHz	< - 128 dB @ 1 GHz
Operation temperature	- 45 °C to +85 °C	- 45 °C to +85 °C
Protection	IP 68	IP 68
Plating outer contact	White bronze	White bronze
Plating center contact	Ag	Ag

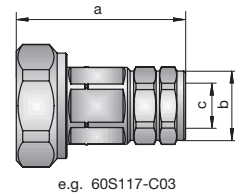
JacSeal+ Connectors

Series 7- 16

Straight Plug

JacSeal+

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
60 S 117- C03 N1	Ring	a = 48; b \varnothing = 20; c \varnothing = 16.5	1/2" R	60 I37	1
60 S 117- C08 N1	Spiral	a = 50; b \varnothing = 20; c \varnothing = 14	1/2" S	60 I38	1
60 S 117- C05 N1	Ring	a = 44; b \varnothing = 36; c \varnothing = 28.3	7/8" R	60 I36	1
60 S 117- C06 N1	Ring	a = 71.9; b \varnothing = 47; c \varnothing = 39.9	1 1/4" R	60 I41	1
60 S 117- C07 N1	Ring	a = 83; b \varnothing = 58; c \varnothing = 50.6	1 5/8" R	60 I42	1

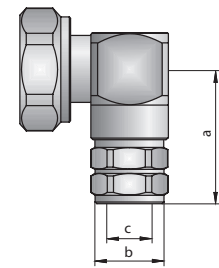


e.g. 60S117-C03

Right Angle Plug

JacSeal+

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
60 S 217- C03 N1	Spiral	a = 33.8; b \varnothing = 20; c \varnothing = 16.5	1/2" S	60 I37	1
60 S 217- C08 N1	Spiral	a = 37.2; b \varnothing = 20; c \varnothing = 14	1/2" S	60 I38	1

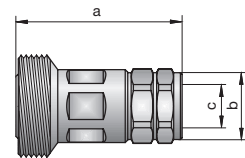


e.g. 60S217-C03

Straight Jack

JacSeal+

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
60 K 117- C03 N1	Ring	a = 50; b \varnothing = 20; c \varnothing = 16.5	1/2" R	60 I37	1
60 K 117- C08 N1	Spiral	a = 52; b \varnothing = 20; c \varnothing = 14	1/2" S	60 I38	1
60 K 117- C05 N1	Ring	a = 40.7; b \varnothing = 36; c \varnothing = 28.3	7/8" R	60 I36	1
60 K 117- C06 N1	Ring	a = 71.75; b \varnothing = 47; c \varnothing = 39.9	1 1/4" R	60 I41	1
60 K 117- C07 N1	Ring	a = 82.4; b \varnothing = 58; c \varnothing = 50.6	1 5/8" R	60 I42	1



e.g. 60K117-C03

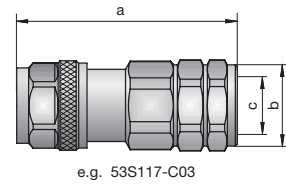
JacSeal+ Connectors

Series N

Straight Plug

JacSeal+

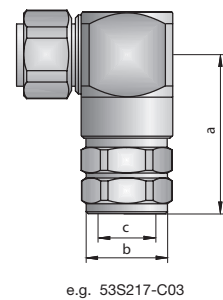
Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
53 S 117- C03 N1	Ring	a = 54; b Ø= 20; c Ø= 16.5	1/2" R	60 I37	1
53 S 117- C08 N1	Spiral	a = 55; b Ø= 20; c Ø= 14	1/2" S	60 I38	1
53 S 117- C05 N1	Ring	a = 50; b Ø= 36; c Ø= 28.3	7/8" R	60 I36	1
53 S 117- C06 N1	Ring	a = 81.3; b Ø= 47; c Ø= 39.9	1 1/4" R	60 I41	1
53 S 117- C07 N1	Ring	a = 92; b Ø= 58; c Ø= 50.6	1 5/8" R	60 I42	1



Right Angle Plug

JacSeal+

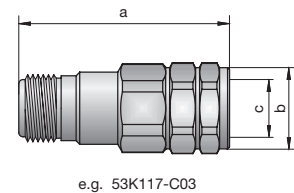
Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
53 S 217- C03 N1	Spiral	a = 33.8; b Ø= 20; c Ø= 16.5	1/2" S	60 I37	1
53 S 217- C08 N1	Spiral	a = 37.2; b Ø= 20; c Ø= 14	1/2" S	60 I38	1



Straight Jack

JacSeal+

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
53 K 117- C03 N1	Ring	a = 52; b Ø= 20; c Ø= 16.5	1/2" R	60 I37	1
53 K 117- C08 N1	Spiral	a = 53; b Ø= 20; c Ø= 14	1/2" S	60 I38	1
53 K 117- C05 N1	Ring	a = 43; b Ø= 36; c Ø= 28.3	7/8" R	60 I36	1
53 K 117- C06 N1	Ring	a = 75.1; b Ø= 47; c Ø= 39.9	1 1/4" R	60 I41	1
53 K 117- C07 N1	Ring	a = 85.8; b Ø= 58; c Ø= 50.6	1 5/8" R	60 I42	1



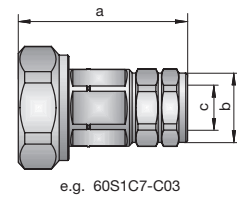
JacSeal Connectors

Series 7- 16

Straight Plug

JacSeal

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
60 S 1C7- C03 N1	Ring	a = 48.7; b \varnothing = 20; c \varnothing = 16.5	1/2" R	60 I37	1
60 S 1C7- C08 N1	Spiral	a = 52.7; b \varnothing = 20; c \varnothing = 14	1/2" S	61 I38	1
60 S 1C7- C05 N1	Ring	a = 44; b \varnothing = 36; c \varnothing = 28.3	7/8" R	60 I36	1
60 S 1C7- C06 N1	Ring	a = 69.7; b \varnothing = 44.3; c \varnothing = 39.6	1 1/4" R	60 I39	1
60 S 1C7- C07 N1	Ring	a = 78.2; b \varnothing = 55.8; c \varnothing = 50.6	1 5/8" R	60 I40	1

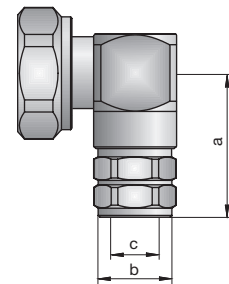


e.g. 60S1C7-C03

Right Angle Plug

JacSeal

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
60 S 2C7- C03 N1	Ring	a = 37.9; b \varnothing = 20; c \varnothing = 16.5	1/2" R	60 I37	1
60 S 2C7- C08 N1	Spiral	a = 36.95; b \varnothing = 20; c \varnothing = 14	1/2" S	61 I38	1

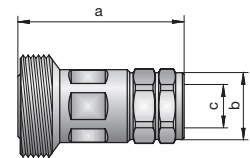


e.g. 60S2C7-C03

Straight Jack

JacSeal

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
60 K 1C7- C03 N1	Ring	a = 56.2; b \varnothing = 20; c \varnothing = 16.5	1/2" R	60 I37	1
60 K 1C7- C08 N1	Spiral	a = 51.5; b \varnothing = 20; c \varnothing = 14	1/2" S	61 I38	1
60 K 1C7- C05 N1	Ring	a = 40.7 b \varnothing = 36; c \varnothing = 28.3	7/8" R	60 I36	1
60 K 1C7- C06 N1	Ring	a = 70.5; b \varnothing = 44.3; c \varnothing = 39.6	1 1/4" R	60 I39	1
60 K 1C7- C07 N1	Ring	a = 75.7; b \varnothing = 55.8; c \varnothing = 50.6	1 5/8" R	60 I40	1



e.g. 60K1C7-C03

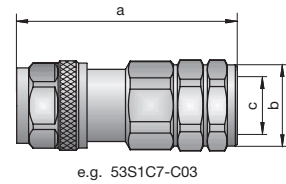
JacSeal Connectors

Series N

Straight Plug

JacSeal

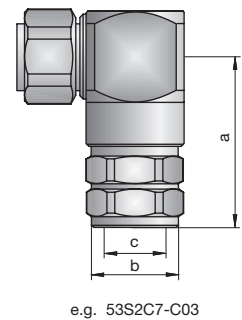
Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
53 S 1C7- C03 N1	Ring	a = 55.3; b Ø= 20; c Ø= 16.5	1/2" R	60 I37	1
53 S 1C7- C08 N1	Spiral	a = 55.3; b Ø= 20; c Ø= 14	1/2" S	61 I38	1
53 S 1C7- C05 N1	Ring	a = 50; b Ø= 36; c Ø= 28.3	7/8" R	60 I36	1
53 S 1C7- C06 N1	Ring	a = 75.6; b Ø= 44.3; c Ø= 39.6	1 1/4" R	60 I39	1
53 S 1C7- C07 N1	Ring	a = 85.1; b Ø= 55.8; c Ø= 50.6	1 5/8" R	60 I40	1



Right Angle Plug

JacSeal

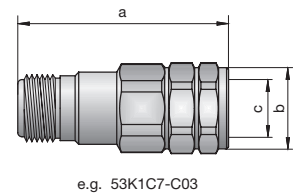
Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
53 S 2C7- C03 N1	Ring	a = 37.9; b Ø= 20; c Ø= 16.5	1/2" R	60 I37	1
53 S 2C7- C08 N1	Spiral	a = 36.95; b Ø= 20; c Ø= 14	1/2" S	61 I38	1



Straight Jack

JacSeal

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
53 K 1C7- C03 N1	Ring	a = 52.3; b Ø= 20; c Ø= 16.5	1/2" R	60 I37	1
53 K 1C7- C08 N1	Spiral	a = 53.3; b Ø= 20; c Ø= 14	1/2" S	61 I38	1
53 K 1C7- C05 N1	Ring	a = 43; b Ø= 36; c Ø= 28.3	7/8" R	60 I36	1
53 K 1C7- C06 N1	Ring	a = 69.5; b Ø= 44.3; c Ø= 39.6	1 1/4" R	60 I39	1
53 K 1C7- C07 N1	Ring	a = 79.1; b Ø= 55.8; c Ø= 50.6	1 5/8" R	60 I40	1



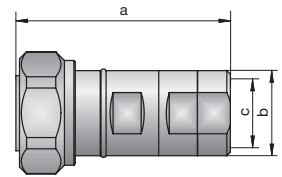
CorSeal Connectors

Series 7- 16

Straight Plug

CorSeal

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
60 S 115- C01 N1	Ring	a = 53.5; b \varnothing = 24; c \varnothing = 9.3	1/4" R	60 I30	1
60 S 115- C09 N1	Spiral	a = 53.5; b \varnothing = 20; c \varnothing = 8.5	1/4" S	60 I23	1
60 S 115- C02 N1	Spiral	a = 66; b \varnothing = 24; c \varnothing = 11	3/8" S	60 I28	1
60 S 115- C03 N1	Ring	a = 61; b \varnothing = 24; c \varnothing = 16.5	1/2" R	60 I18	1
60 S 115- C08 N1	Spiral	a = 65.1; b \varnothing = 24; c \varnothing = 14.2 II. Gen.	1/2" S	60 I35	1
60 S 115- C05 N1	Ring	a = 75; b \varnothing = 35; c \varnothing = 28.5	7/8" R	60 I25	1
60 S 115- C06 N1	Ring	a = 95; b \varnothing = 52; c \varnothing = 40	1 1/4" R	60 I26	1
60 S 115- C07 N1	Ring	a = 104; b \varnothing = 63; c \varnothing = 51.6	1 5/8" R	60 I29	1

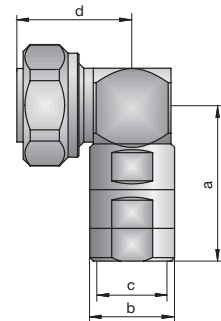


e.g. 60S115-C03

Right Angle Plug

CorSeal

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
60 S 215- C01 N1	Ring	a = 39; b \varnothing = 24; c \varnothing = 9.3; d \varnothing = 37	1/4" R	60 I30	1
60 S 215- C09 N1	Spiral	a = 37; b \varnothing = 20; c \varnothing = 8.5; d \varnothing = 31	1/4" S	60 I23	1
60 S 215- C02 N1	Spiral	a = 49.8; b \varnothing = 24; c \varnothing = 11; d \varnothing = 37.2	3/8" S	60 I28	1
60 S 215- C03 N1	Ring	a = 44.3; b \varnothing = 24; c \varnothing = 16.5; d \varnothing = 33	1/2" R	60 I18	1
60 S 215- C08 N1	Spiral	a = 48.9; b \varnothing = 24; c \varnothing = 14.2; d \varnothing = 36 II. Gen.	1/2" S	60 I35	1
60 S 215- C05 N1	Ring	a = 68; b \varnothing = 35; c \varnothing = 28.5; d \varnothing = 32.2	7/8" R	60 I25	1

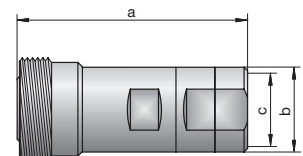


e.g. 60S215-C03

Straight Jack

CorSeal

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
60 K 115- C01 N1	Ring	a = 55.5; b \varnothing = 24; c \varnothing = 9.3	1/4" R	60 I30	1
60 K 115- C09 N1	Spiral	a = 55.1; b \varnothing = 20; c \varnothing = 8.5	1/4" S	60 I23	1
60 K 115- C02 N1	Spiral	a = 67; b \varnothing = 24; c \varnothing = 11	3/8" S	60 I28	1
60 K 115- C03 N1	Ring	a = 62.6; b \varnothing = 24; c \varnothing = 16.5	1/2" R	60 I18	1
60 K 115- C08 N1	Spiral	a = 65.1; b \varnothing = 24; c \varnothing = 14.2 II. Gen.	1/2" S	60 I35	1
60 K 115- C05 N1	Ring	a = 77; b \varnothing = 35; c \varnothing = 28.5	7/8" R	60 I25	1
60 K 115- C06 N1	Ring	a = 101; b \varnothing = 52; c \varnothing = 40	1 1/4" R	60 I26	1
60 K 115- C07 N1	Ring	a = 110; b \varnothing = 63; c \varnothing = 51.6	1 5/8" R	60 I29	1



e.g. 60K115-C03

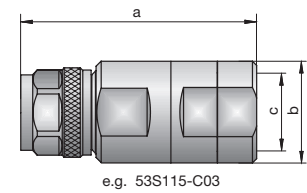
CorSeal Connectors

Series N

Straight Plug

CorSeal

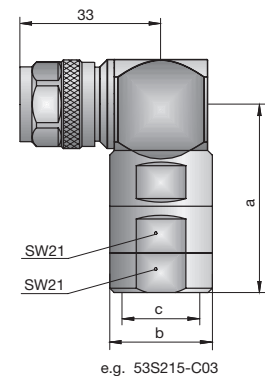
Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
53 S 115- C01 N1	Ring	a = 61; b \varnothing = 24; c \varnothing = 9.3	1/4" R	60 I30	1
53 S 115- C09 N1	Spiral	a = 52; b \varnothing = 20; c \varnothing = 8.5	1/4" S	60 I23	1
53 S 115- C02 N1	Spiral	a = 71.2; b \varnothing = 24; c \varnothing = 11	3/8" S	60 I28	1
53 S 115- C03 N1	Ring	a = 65; b \varnothing = 24; c \varnothing = 16.5	1/2" R	60 I18	1
53 S 115- C08 N1	Spiral	a = 70; b \varnothing = 24; c \varnothing = 14.2 II. Gen.	1/2" S	60 I35	1
53 S 115- C05 N1	Ring	a = 76.4; b \varnothing = 35; c \varnothing = 28.5	7/8" R	60 I25	1
53 S 115- C06 N1	Ring	a = 107; b \varnothing = 52; c \varnothing = 40	1 1/4" R	60 I26	1
53 S 115- C07 N1	Ring	a = 116; b \varnothing = 63; c \varnothing = 51.6	1 5/8" R	60 I29	1



Right Angle Plug

CorSeal

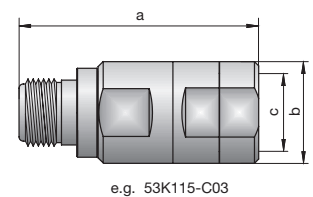
Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
53 S 215- C01 N1	Ring	a = 39.5; b \varnothing = 24; c \varnothing = 9.3	1/4" R	60 I30	1
53 S 215- C09 N1	Spiral	a = 36.8; b \varnothing = 20; c \varnothing = 8.5	1/4" S	60 I23	1
53 S 215- C02 N1	Spiral	a = 50.1; b \varnothing = 24; c \varnothing = 11	3/8" S	60 I28	1
53 S 215- C03 N1	Ring	a = 44.5; b \varnothing = 24; c \varnothing = 16.5	1/2" R	60 I18	1
53 S 215- C08 N1	Spiral	a = 47; b \varnothing = 24; c \varnothing = 14.2 II. Gen.	1/2" S	60 I35	1



Straight Jack

CorSeal

Ordering Number	Version	Remarks	Cable Type	Assembly Instruction	Packing Unit
53 K 115- C01 N1	Ring	a = 61; b \varnothing = 24; c \varnothing = 9.3	1/4" R	60 I30	1
53 K 115- C09 N1	Spiral	a = 52; b \varnothing = 20; c \varnothing = 8.5	1/4" S	60 I23	1
53 K 115- C02 N1	Spiral	a = 71; b \varnothing = 24; c \varnothing = 11	3/8" S	60 I28	1
53 K 115- C03 N1	Ring	a = 64.8; b \varnothing = 24; c \varnothing = 16.5	1/2" R	60 I18	1
53 K 115- C08 N1	Spiral	a = 70.4; b \varnothing = 24; c \varnothing = 14.2 II. Gen.	1/2" S	60 I35	1
53 K 115- C05 N1	Ring	a = 74.3; b \varnothing = 35; c \varnothing = 28.5	7/8" R	60 I25	1
53 K 115- C06 N1	Ring	a = 106; b \varnothing = 52; c \varnothing = 40	1 1/4" R	60 I26	1
53 K 115- C07 N1	Ring	a = 115; b \varnothing = 63; c \varnothing = 51.6	1 5/8" R	60 I29	1



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Certified by ISO/TS 16949 · ISO 9001 · ISO 14001

Ordering No.
info502SLink/5000/05-2009
pA 143612

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Production **Thewald Kommunikation**