



# DATASHEET

## Waveguide Connector

Kabelwerk **EUPEN** AG

DSCW2-Rev00/2009-09-08

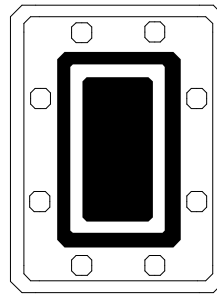
cable

### EU 77 Elliptical Waveguide Standard Connector - Gasket

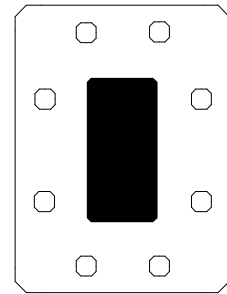
#### CONNECTOR



#### FLANGE TYPES



PDR 84  
CPR 112-G



UDR 84†  
CPR 112-F†

† on request

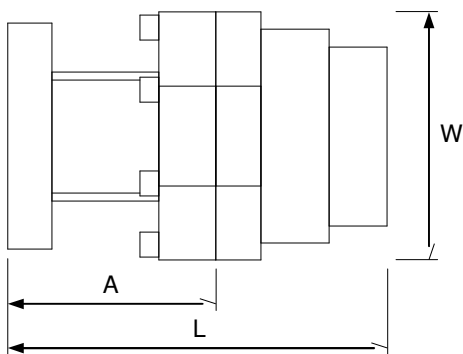
#### TECHNICAL DATA

##### Electrical characteristics

•Frequency range [GHz]	7.125 - 8.50
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##### Mechanical characteristics

•Total length "L" [mm] (in)	100 (3.94)
•Length of transformer section "A" [mm] (in)	55 (2.17)
•Largest dim. across "W" [mm] (in)	74 (2.91)
•Weight [kg] (lb)	1.58 (3.48)



##### Technical data

Gas port	P 1/8"
Temperature range [°C] (°F)	-40 to +80 (-40 to +176)
Connector material	Silver plated brass
Sealing	Threaded gasket

#### TOOL

Light-weight handheld flaring tool with saw guide

#### PRODUCT OVERVIEW

Description	Reference
•Connector	EU77-G-PDR84 EU77-G-CPR112-G EU77-G-UDR84 EU77-G-CPR112-F
•Flaring Tool	EU-FT-2
•Saw guide	EU-SG77
•Flaring tool adapter	EU-FTA77
•Shim* for PDR flange	EU-SH84
•Full thickness gasket**	EU-FGK112
•Half thickness gasket**	EU-HGK112

\* Use shim when mating two PDR flanges. Not required when mating PDR/UDR. Order separately.

\*\*Use full-thickness gasket (supplied with the connector) when mating two CPR-G flanges. Use half-thickness gasket (order separately) when mating CPR-G with CPR-F.

