

# STRUCTURE OF ARTICLE NUMBERS - Combiners

## EXAMPLES

ARTICLE: CI4-6C20-1NAC132

Constant impedance Combiner, Band 4, 6 Pole, 200 mm  
1 cross coupling, Black painted and silver plated,  
Narrowband coupler 60 mm, Wideband coupler 159 mm  
Narrowband connection in: 1 5/8" unflange,  
Wideband connection: in 3 1/8" unflange,  
Output connection: Nax 120

## EXAMPLES

ARTICLE: MF2-3C35-0P33-5

Manifold combiner, band 2, 3 Pole, 350 mm, No cross coupling,  
Black painted, Narrowband connection in: 3 1/8" unflange,  
Output connection: 3 1/8" unflange, 5 channels

## ARTICLE: aab-cdee-fghijkl

<b>aa</b>	<b>Product</b>	
	CI	Constant impedance combiner
	SP	Starpoint combiner
	MF	Manifold combiner
	BC	Bandstop combiner
	SI	Stretch line combiner
<b>__b</b>	<b>Frequency</b>	
	0	All Band
	1	Band I (47 - 68 MHz)
	2	Band II (87 - 108 MHz)
	3	Band III (174 - 240 MHz)
	4	Band IV-V (470 - 860 MHz)
	D	Band III DAB (174 - 240 MHz)
	L	Band L (1452 - 1468 MHz)
<b>___-c</b>	<b>Poles</b>	Number of Poles/Cavities
<b>___-d</b>	<b>Mode</b>	
	C	Resonator (Cavity)
	S	Single mode Waveguide
	D	Dual mode Waveguide
	T	Triplemode Waveguide
<b>___-ee</b>	<b>Cavity Size</b>	
	xx	Cavity size in cm, WG if the mode is Waveguide
<b>___-f</b>	<b>Cross coupling</b>	
	0	No cross coupling
	1	One cross coupling
	2	Two cross coupling
	A	One external notch
	B	Two external notches
<b>___-g</b>	<b>Coating</b>	
	0	No coating
	P	Black painted
	S	Silver plated
	N	Black painted and silver plated
	x	Letter or number for special versions
<b>___-h</b>	<b>Narrowband coupler</b>	<b>Only for constant impedance combiner</b>
<b>___-i</b>	<b>Wideband coupler</b>	<b>Only for constant impedance combiner</b>
	A	50 mm
	B	60 mm
	C	100 mm
	n	See list: Connection equivalent table
<b>___-j</b>	<b>Narrowband connection</b>	<b>Only for constant impedance combiner</b>
<b>___-k</b>	<b>Wideband connection</b>	<b>Only for constant impedance combiner</b>
<b>___-l</b>	<b>Output connection</b>	<b>Only for constant impedance combiner</b>
	1	1 5/8" female
	2	NAX120 female
	3	3 1/8" female
	n	See list: Connection equivalent table
<b>___-h</b>	<b>Narrowband connection</b>	<b>Only for Starpoint, Manifold, Stretchline combiner</b>
<b>___-i</b>	<b>Output connection</b>	<b>Only for Starpoint, Manifold, Stretchline combiner</b>
	1	1 5/8" female
	2	NAX120 female
	3	3 1/8" female
	n	See list: Connection equivalent table
<b>___-k</b>	<b>Number of Ch.</b>	<b>Only for Starpoint, Manifold, Stretchline combiner</b>
<b>___-l</b>	<b>Number of Ch.</b>	<b>Only for Starpoint, Manifold, Stretchline combiner</b>
	n	Number of channels, 2-9

### Connection equivalent table

0	Unknown Customised	Unknown Customised	0
1	1 5/8" Unflange (female)	7/8" Unflange (female)	7
2	NAX 120 (female)	1 5/8" Unflange (female)	1
3	3 1/8" Unflange (female)	3 1/8" Unflange (female)	3
4	4 1/2" Unflange (female)	RL98 Unflange (female)	9
6	6 1/8" Unflange (female)	4 1/2" Unflange (female)	4
7	7/8" Unflange (female)	NAX 120 (female)	2
9	RL98 Unflange (female)	6 1/8" Unflange (female)	6
A	DIN 7/16 female	7/8" Flange (female)	J
B	DIN 7/16 male	1 5/8" Flange (female)	E
C	N female	3 1/8" Flange (female)	R
D	N male	4 1/2" Flange (female)	F
E	1 5/8" Flange (female)	6 1/8" Flange (female)	U
F	4 1/2" Flange (female)	7/8 Flange (male)	S
G	7/8" (male)	1 5/8" Flange (male)	N
H	1 5/8" (male)	3 1/8" Flange (male)	T
J	7/8" Flange (female)	4 1/2" Flange (male)	Y
K	3 1/8" (male)	6 1/8" Flange (male)	X
L	RL98 (male)	7/8" (male)	G
N	1 5/8" Flange (male)	1 5/8" (male)	H
P	4 1/2" (male)	3 1/8" (male)	K
Q	6 1/8" (male)	RL98 (male)	L
R	3 1/8" Flange (female)	4 1/2" (male)	P
S	7/8 Flange (male)	NAX 120 (male)	W
T	3 1/8" Flange (male)	6 1/8" (male)	Q
U	6 1/8" Flange (female)	SMA (female)	V
V	SMA (female)	SMA (male)	Z
W	NAX 120 (male)	N female	C
X	6 1/8" Flange (male)	N male	D
Y	4 1/2" Flange (male)	DIN 7/16 female	A
Z	SMA (male)	DIN 7/16 male	B

### 3 dB coupler equivalent table

FM - Band 2			
A	60 mm	12 / 10 kW	87 / 108 MHz
B	159 mm	65 / 60 kW	87 / 108 MHz
C	High Power 6 1/8"	160 / 150 kW	87 / 108 MHz
DAB - Band 3			
A	60 mm	12 / 10 kW	174 / 240 MHz
B	159 mm	35 / 30 kW	174 / 240 MHz
DVB-Band 4-5			
A	50 mm tunable	2.2 / 1.7 kW	470 / 860 MHz
B	60 mm	8 / 5 kW	470 / 860 MHz
C	100 mm	18 / 12 kW	470 / 860 MHz
D	159 mm	33 / 25 kW	470 / 860 MHz
E	132 mm	48 / 36 kW	470 / 860 MHz
F	160 mm	70 / 60 kW	470 / 860 MHz