



# RCB NAMING CONVENTION

ACE-RP-RCB naming conventions-v01-e

#### Naming convention

The purpose of naming conventions is to make the product description more readable and consistent, making it easier to understand and maintain.

This document explains the functional descriptions and of different features and of the ACE residential connection box (ACE RCB). RCB is a device used to store and distribute fibre optic cables.

### RCB box functional description

The specific network topology that the RCB box is adapted depends on how it is connected within the larger network infrastructure. One example would be if the RCB box is installed as a building termination box for the feeder cable with a star topology, with the RCB box as the central hub and the customer wall boxes (CWO) as the devices connected to it.

The contents of the RCB decides the functional usability of the box:

RCB including splitter(s) functionality RCB -c
RCB including adapter(s) functionality RCB -d
RCB including splice option functionality RCB -s
RCB empty RCB -v
Accessories of the box are indicated as RCB -a

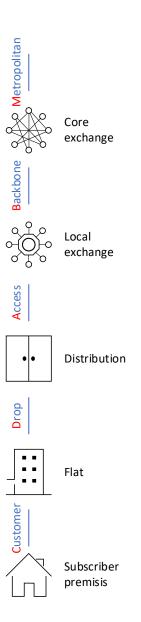
### RCB box network hierarchy

The RCB can be placed at different network levels:

- Subscriber
- Building (multiple premises)
- Distribution point
- POP / local exchange
- Core

All these network levels are connected by a network:

-	Customer network -	C
-	Drop network -	D
-	Access network -	Α
-	Backbone network -	В
-	Metropolitan network -	Μ

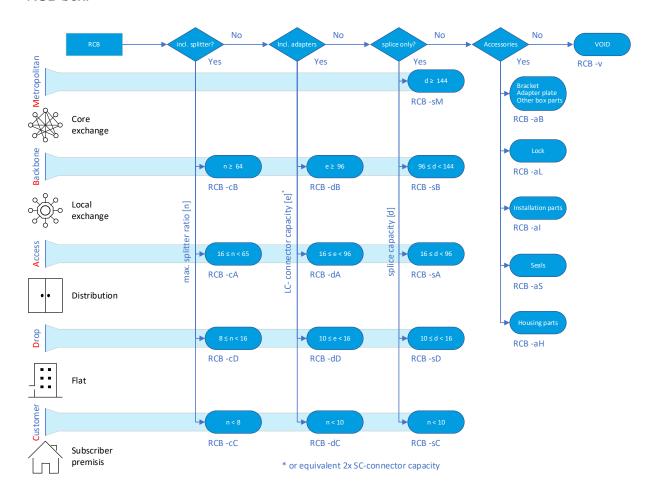






## **RCB** description

The functional description and the hierarchical location decide together the description of the RCB box.







## RCB extended description

The second description of a RCB box provides detailed information of the contents:

type of box		feature	network area		previous name		ı	splice capacity	splice protector		patch capacity	connector type	polishing	connector grade		fibre type		ı	optional	accessory type
a	-	b1	b2		С		-	d1	d2	-	e1	e2	e3	e4	-	f		-	g1	g2
RCB																				
c r	- olitter																			
	pters	c d																		
	only	S																		
•	Custome	_	С																	
	Drop		D																	
	Access		Α																	
	Backbone		В																	
М	letropolitar		M																	
			RCB		Wing															
							_													
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		1.6.		24 spli				J24												
				96 spli				J96												
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ANT		Α											
						Heat	shrink		Н											
										-										
					i.e.			ch pos			P6									
							10 pat				P10									
						14 patch pos					P14									
					LC conn					L										
								S	C conr	ector		S								
										/	APC		A P							
											ra) PC	octor	Р	С						
											e connector e connector			В						
										b gi au	e com	lector		В	_					
													G 6	57.A1	=	A1				
														57.A2		A2				
																		-		
																acce	essory		а	
															i.e.		Br	racket		В
																		Lock		L
																	Instal			- 1
																		Seals		S
																	Но	using		Н
	ple 566230			B box		pigta	ils gra				- 4	- 2	- 2			-			- 1	- 2
a RCB	-	b1 d	b2 C		c Wing		-	d1 J24	d2 A	-	e1 P6	e2 L	e3 A	e4 B	-	f A1		-	g1	g2
NCB		u	C		vviiig			J24	A		FU		A	ь	_	ΑI				
		<b>d</b> istribution box	cons		aka <b>Wing</b>			24 splice capacity	ANI		<b>6</b> co	type	<b>A</b> PC polishing	connector grade <b>B</b>		G.657 <b>A1</b> standard				
		libu	muş		<u>₹</u>			plice	lds.		nne	of	pol	nect		57A				
		tion	ern		જ			e cal	ice p		ct Ct	con	lishi	org		<b>1</b> st				
		) po	netv					paci	prot		rs in	nec	gn	grac		anc				
		×	<b>c</b> onsumer network					Ϊŧγ	<b>A</b> NT splice protector		<b>6</b> connectors installed	type of connector <b>L</b> C		le <b>B</b>		lard				