

Hybriflex RRH Feeder Solutions

World-class Innovation in RRH Deployments



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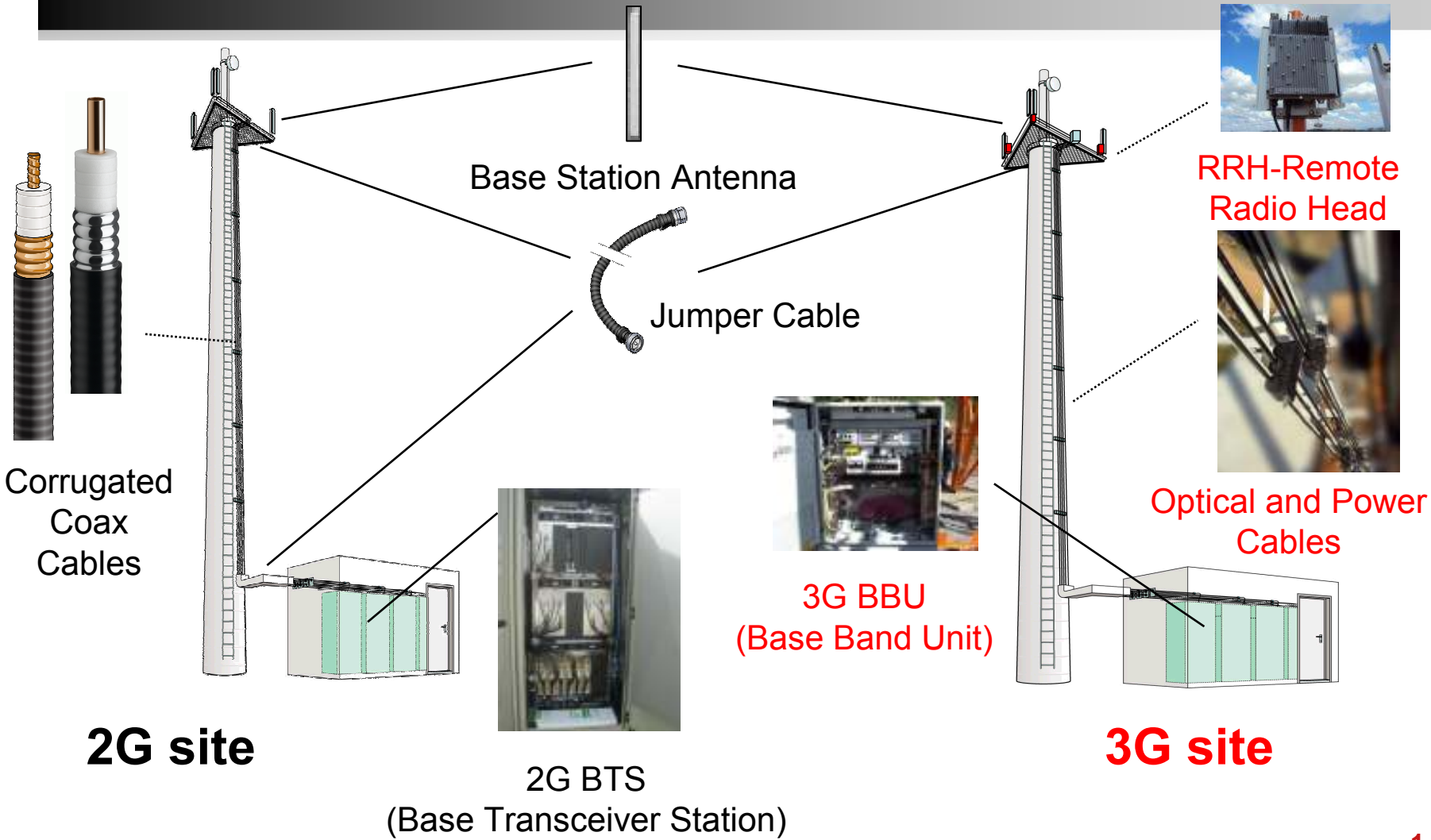
RADIO FREQUENCY SYSTEMS

The Clear Choice®





2G x 3G – Technology Upgrade





2G x 3G – Technology Upgrade

	2G	3G
BSA	850 / 900 MHz 1800 / 1900 Mhz	2100 MHz
Jumpers	Broadband	Broadband
Equipment	BTS	BBU + RRH
Cabling	Corrugated Cables	Optical + Power Cables

Cabling Migration



**Optical and Power Cables
(Conventional)**



Corrugated Coax Cables



Cabling Migration

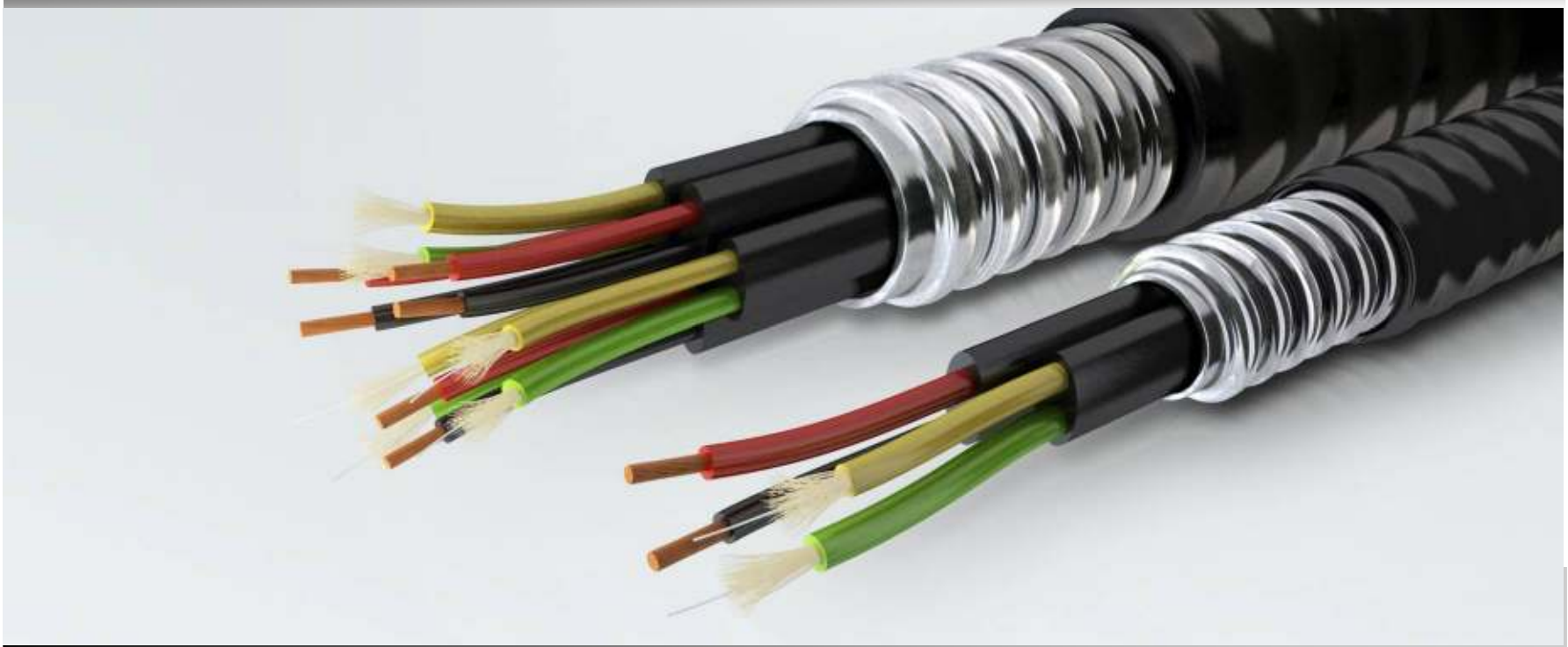


**Optical and Power Cables
(Conventional)**



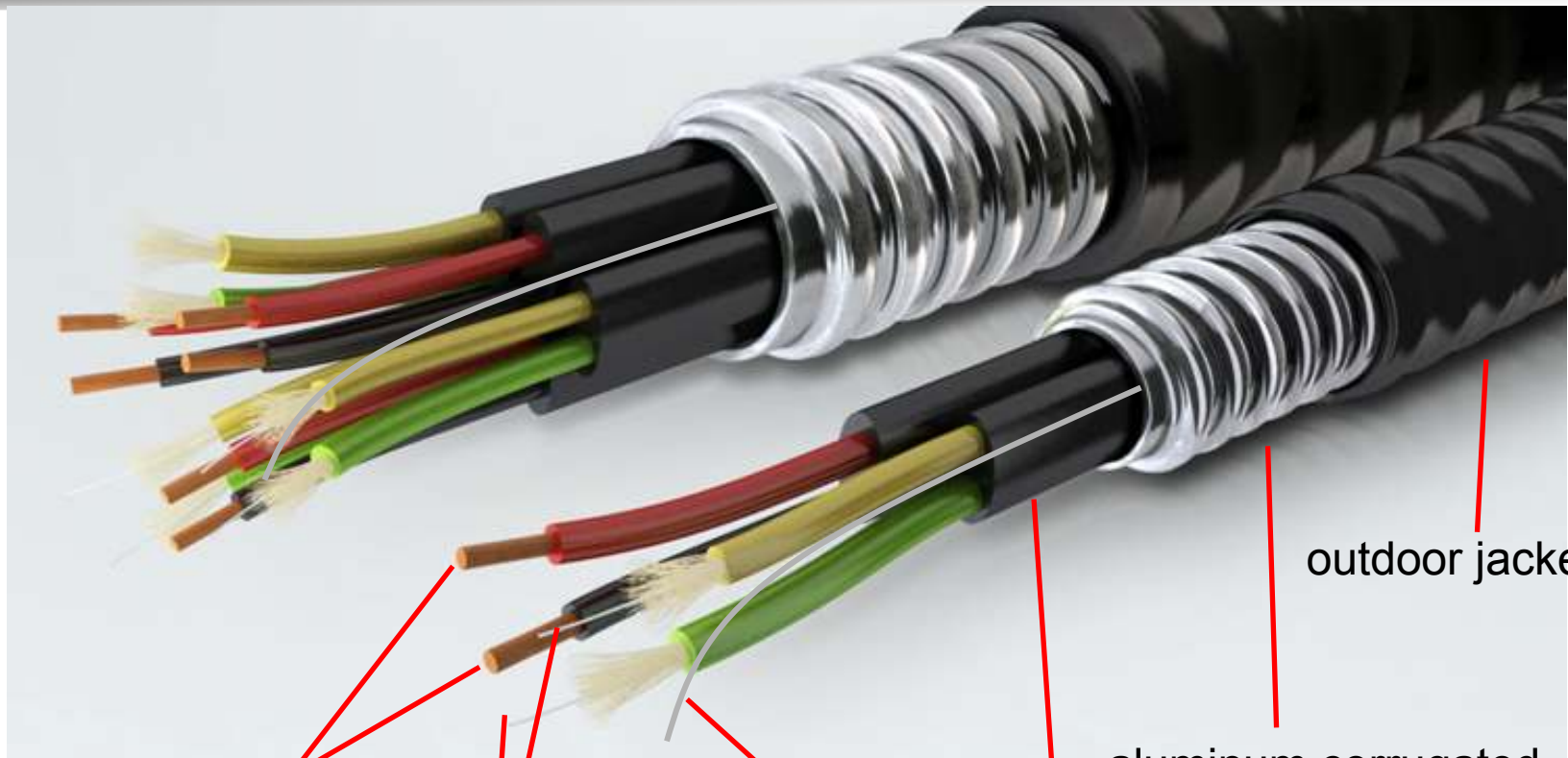
Hybriflex™

The RFS Hybriflex™ Feeder Concept



- ➔ RFS revolutionary Hybriflex™ feeder concept – hosting both optical fiber and DC power cables in a single outer corrugated aluminum conductor – is the world's ultimate, innovative solution for RRH deployment

Construction



power cables 2.5 / 3.3 / 4 / 6 /
10mm² (with or without shield)

optical fiber cord (tight
technology) SM or MM

ripcord

aluminum corrugated
armor (1/2", 7/8", 1 1/4"
and 1 5/8")

outdoor jacket

Individual UV-protection
jacket

Features & Benefits – Accessories Savings

Conventional



Hybriflex™



Savings: ~ 5%
(Total site cabling infrastructure)

Features & Benefits – Cabling Savings

Conventional



Hybriflex™



Savings: ~ 6%
(Total site cabling infrastructure)



Features & Benefits – Installation Services Savings

Installation time 4x faster than conventional cabling

- One single cable against conventional 6 cables
- One single hanger against conventional 6 hangers
- Plug-and-play cabling because it is fully connectorized
- Same accessories for corrugated feeders are applied for Hybriflex™

Mechanical Protection (corrugated protection) provides

- Easy installation
- Installation risk reduction
- Better system reliability

Savings: ~29 to 36%
(Total site cabling infrastructure)



Connectors

Connectorization options F/O preconfigured with

LC



LC with grommet



R2F



XCO

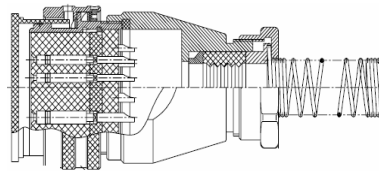


Connectorization options power preconfigured with

OEM1 proprietary
Power connector



OEM2 proprietary
Power connector



OEM3 proprietary
Power connector



OEM4 proprietary
Power connector





Production facilities and offices

Represented on six continents - 9 manufacturing centers-of-excellence and 35 technical support and sales offices in 23 countries throughout the world



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- Mansfield
- Meriden
- Naperville
- San Jose

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- Buenos Aires
- Mexico City
- São Paulo

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- Moscow
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Thank You !

