Features

- Robust and compact hybrid cable assembly designed for pole and tower mounting
- Breakout unit with black anodized aluminum with unique low profile cable glands, enables a narrow canister design with a very small wind load and visual impact.
- Pre terminated with outdoor water protected RDC connectors at breakout to be extended by fiber jumper cables to desired length.
- Indoor LC connectors at BBU side
- Ripcord below jacket and screen enables an easy length-adjustment at indoor site
- The optical fibers are well protected with a flame retardant jacket for easy handling and preferably stored in an over-length box
- 10 m screened power cables at RRU breakout to be cut back to desired length
- Pulling grip premounted below breakout canister enables a smooth and secure handling during fastening of canister and cable clamps.
- Optical fiber MM OM4 bend insensitive
- Hybrid cable with jacket of weather proof and fire retardant material ensures exceptional protection in severe environmental for outdoor and indoor applications.
- Flexible outer common screen of aluminum tape and drain wire to ensure easy grounding.
- Cable sizes 6 system with 4, 6 and 10 mm2
- Delivered on a double flanged drum enables a convenient installation process
- Number marked optical and power units

Application

Cable assembly for interconnecting power and optical links between main and remote units for out and indoor radio base applications.
Hybrid Cable for RRU – HRPM 254 100+

Design
Fibre optic
Breakout RRU .... Fan out with RDC connectors for each fiber pair
Breakout Indoor .... LC connectors
Cable .................. Tight buffered multimod OM4 fiber

Power
Breakout RRU ....... 10 m screened power jumper with 4mm² power cords color coded blue and black
- Conductors........ Tinned copper stranded class 5
- Screen ............ Aluminum tape and tinned copper braid
Breakout Indoor .... Power cords colored blue and black and number marked
- Conductors........ Tinned copper stranded class 5, size according to ordering info

Hybrid cable
- Ripcord ............ Aramid yarn
- Drain wire .......... Tinned copper stranded 6mm² class 5
- Screen ............. Aluminum tape and drain wire
- Jacket ............. Halogen free flame retardant

Ordering Information

| PRODUCT NUMBER | NO OF FIBER AND POWER PAIR | POWER CORDS AREA MM² | CABLE DIAM MM | |
|----------------|---------------------------|----------------------|---------------|
| 1HRPM 254 100xxx | 6 | 4 | 21.7 | On request |
| 2HRPM 254 100xxx | 6 | 6 | 26.0 | Stock item |
| 3HRPM 254 100xxx | 6 | 10 | 31.5 | On request |

Specifications
Operating voltage ..... 100 V
Operating temp ...... –40 to +80°C
Flame resistance ... IEC 60332-1
UV resistant .......... UL1581
Water proof .......... IP 67
Color ................. Black

Optical data
Attenuation @ 850 nm .. 3.0 dB/km (max)
Attenuation @ 1300 nm 1.0 dB/km (max)
Insertion loss 0.3 dB

Electrical data
Resistance 4 mm²....... 5.1 ohm/km (max)
Resistance 6 mm²....... 3.4 ohm/km (max)
Resistance 10 mm²..... 2.0 ohm/km (max)

Power cords, color code

<table>
<thead>
<tr>
<th>RRU BREAKOUT CABLE MARKED WITH LABEL NUMBER</th>
<th>POWER CORDS IN RRU CABLES COLOR CODED</th>
<th>POWER CORDS HYBRID CABLE, COLOR CODED AND NUMBER MARKED</th>
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<tr>
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Accessories

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<th>DESCRIPTION</th>
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<tr>
<td>HRPM 254 102/L</td>
<td>Optical jumper cables</td>
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<tr>
<td>HSXA136104/11</td>
<td>Clamps kit for 6RDC connectors</td>
</tr>
<tr>
<td>HSXA136100/11</td>
<td>Canister clamp kit</td>
</tr>
</tbody>
</table>

Packing info
- The cable assembly is delivered on a double flanged drum, with cable ends well protected for fast end safe installation in radio site applications.
- Pre-mounted hoisting grip enables a fast and secure installation