

## ***MOBILE LINKS***

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# CPM Portable Simplex Link with Analogue Modem



**TX RF HEAD  
(EXTERNAL)**



**RG216 coaxial cable  
≤ 200m**

**IF + DC + CONTROL DATA**



**4 AUDIO**

**IF**

**1 VIDEO**

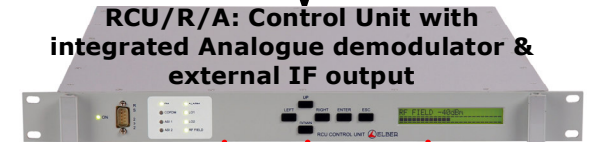


**RX RF HEAD  
(EXTERNAL)**



**RG216 coaxial cable  
≤ 200m**

**IF + DC + CONTROL DATA**



**4 AUDIO**

**IF**

**1 VIDEO**

# CPM Portable Simplex Link with Analogue Modem – Weather proof



**TX RF HEAD (EXTERNAL)**



**RX RF HEAD (EXTERNAL)**

**RG216 coaxial cable  
≤ 200m  
IF + DC + CONTROL DATA**

**RG216 coaxial cable  
≤ 200m  
IF + DC + CONTROL DATA**



**TCU/W/A: Control Unit with integrated Analogue Modulator & external IF input**

**1 VIDEO**  
**4 AUDIO**  
**IF**



**RCU/W/A: Control Unit with integrated Analogue demodulator & external IF output**

**1 VIDEO**  
**4 AUDIO**  
**IF**

# CPM Portable Simplex Link with COFDM Modem & Integrated Encoder/Decoder



**TX RF HEAD  
(EXTERNAL)**



**RX RF HEAD  
(EXTERNAL)**

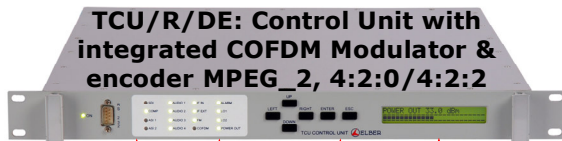


**RG216 coaxial cable  
≤ 200m**

**IF + DC + CONTROL DATA**

**RG216 coaxial cable  
≤ 200m**

**IF + DC + CONTROL DATA**



**4 AUDIO**

**SDI**

**DVB-ASI**

**1 VIDEO**



**4 AUDIO**

**SDI**

**DVB-ASI**

**1 VIDEO**

# CPM Portable Simplex Link with DDM Modem and Multiplexer



**TX RF HEAD  
(EXTERNAL)**



**RX RF HEAD  
(EXTERNAL)**



**RG216 coaxial cable  
≤ 200m**

**RG216 coaxial cable  
≤ 200m**

**IF + DC + CONTROL DATA**

**IF + DC + CONTROL DATA**

**TCU/R/I: Control Unit with external  
IF input**

**RCU/R/I: Control Unit with IF output  
only**

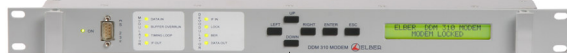


**IF**

**IF**

**DDM310 Digital Modulator**

**DDM310 Digital Demodulator**

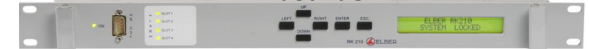


**ASI stream**

**ASI stream**

**RK210 with slot in Multiplexing  
boards**

**RK210 with slot in Demultiplexing  
boards**



**DVB-ASI TV  
CHANNEL INPUTS**

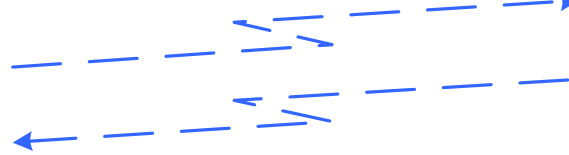


**DVB-ASI TV  
CHANNEL OUTPUTS**

# CPM Portable Duplex Link with DDM Modem and Multiplexer



**RX & TX RF HEAD  
(EXTERNAL)**



**RX & TX RF HEAD  
(EXTERNAL)**



*IF + DC + CONTROL  
DATA*

**RG216 coaxial  
cable  $\leq 200m$**



**IF**

**DDM310 Digital Modem**

**ASI stream**

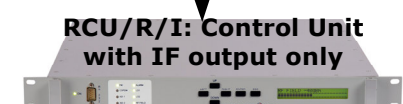
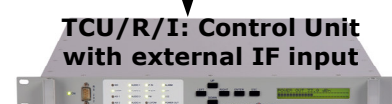


**DVB-ASI TV  
CHANNEL INPUTS**

**DVB-ASI TV  
CHANNEL OUTPUTS**

*IF + DC + CONTROL  
DATA*

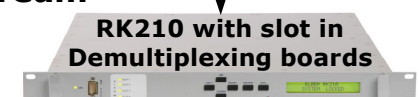
**RG216 coaxial  
cable  $\leq 200m$**



**IF**

**DDM310 Digital Modem**

**ASI stream**



**DVB-ASI TV  
CHANNEL INPUTS**

**DVB-ASI TV  
CHANNEL OUTPUTS**

# CPM Portable Simplex Link with COFDM Modem & External Encoder/Decoder



**TX RF HEAD  
(EXTERNAL)**



**RX RF HEAD  
(EXTERNAL)**



**2 Unit Flight Case**



**RG216 coaxial cable  
≤ 200m**

**RG216 coaxial cable  
≤ 200m**

**2 Unit Flight Case**



**IF + DC  
+CONTROL DATA**

**IF + DC  
+CONTROL DATA**

**TCU/R/D: Control Unit with  
integrated COFDM Modulator**

**RCU/R/DE: Control Unit with  
integrated COFDM Demodulator**

**ASI**

**ASI**

**External Encoder  
ASI Output**

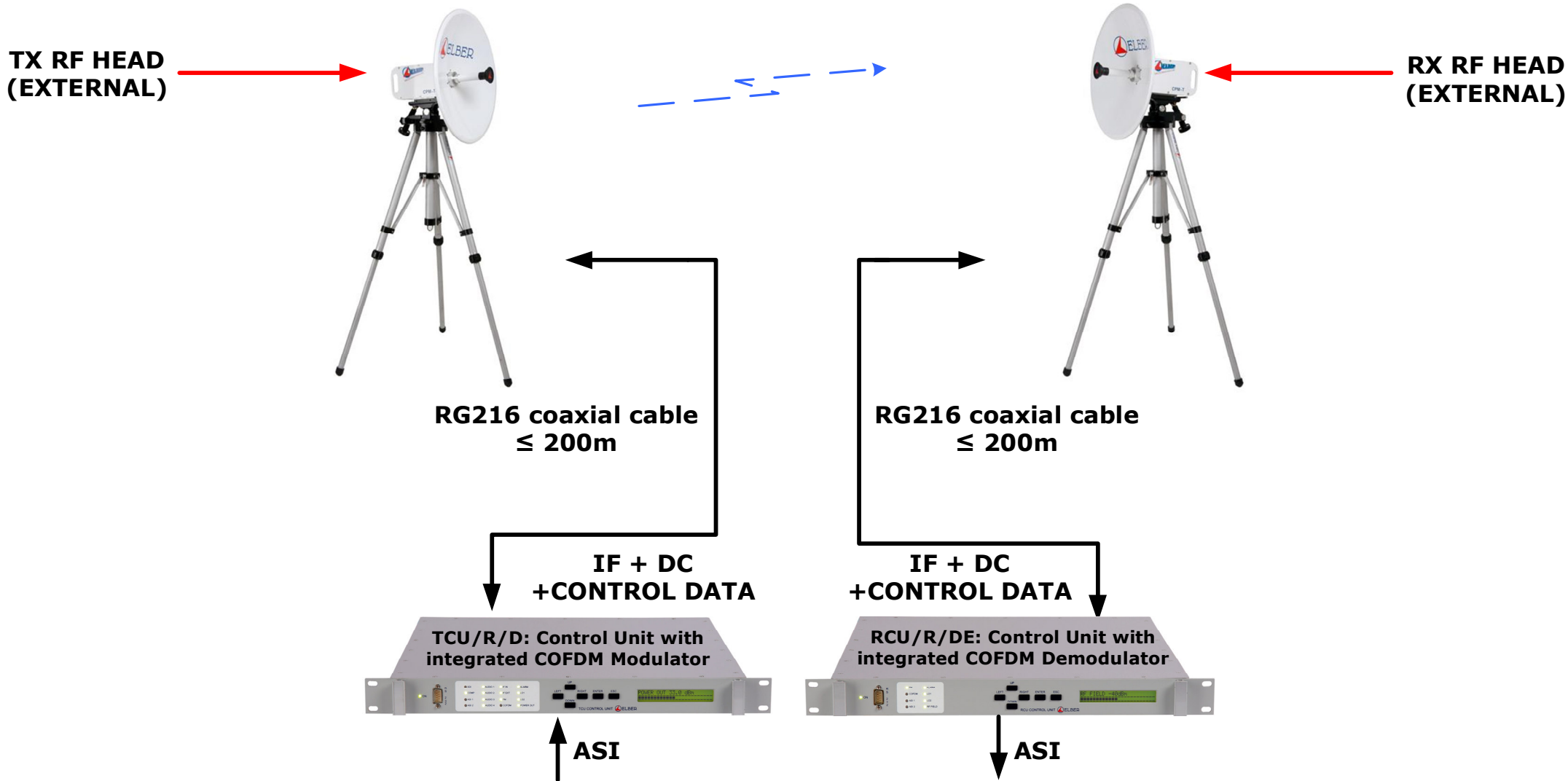
**External Decoder  
ASI Input**

**1 VIDEO 4 AUDIO**

**1 VIDEO 4 AUDIO**



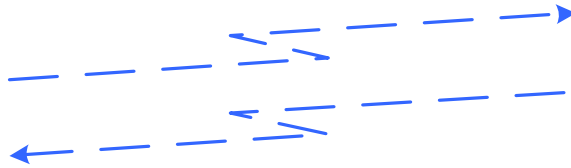
# CPM Portable Simplex Link with COFDM Modulator / Demodulator



# CPM Portable Duplex Link – IP Transport



**RX & TX RF HEAD  
(EXTERNAL)**



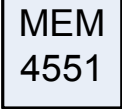
**RX & TX RF HEAD  
(EXTERNAL)**

*IF + DC + CONTROL  
DATA*

**RG216 coaxial  
cable  $\leq$  200m**



**IF**



**Ethernet**

*IF + DC + CONTROL  
DATA*

**RG216 coaxial  
cable  $\leq$  200m**



**IF**

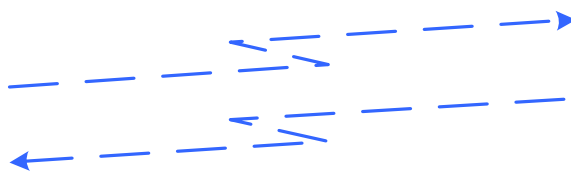


**Ethernet**

# CPM Portable Duplex Link – IP Transport



**RX & TX RF HEAD  
(EXTERNAL)**



**RX & TX RF HEAD  
(EXTERNAL)**

*IF + DC + CONTROL  
DATA*

**RG216 coaxial  
cable  $\leq$  200m**



**ASI**

**MEM 4551**

**Ethernet**

*IF + DC + CONTROL  
DATA*

**RG216 coaxial  
cable  $\leq$  200m**

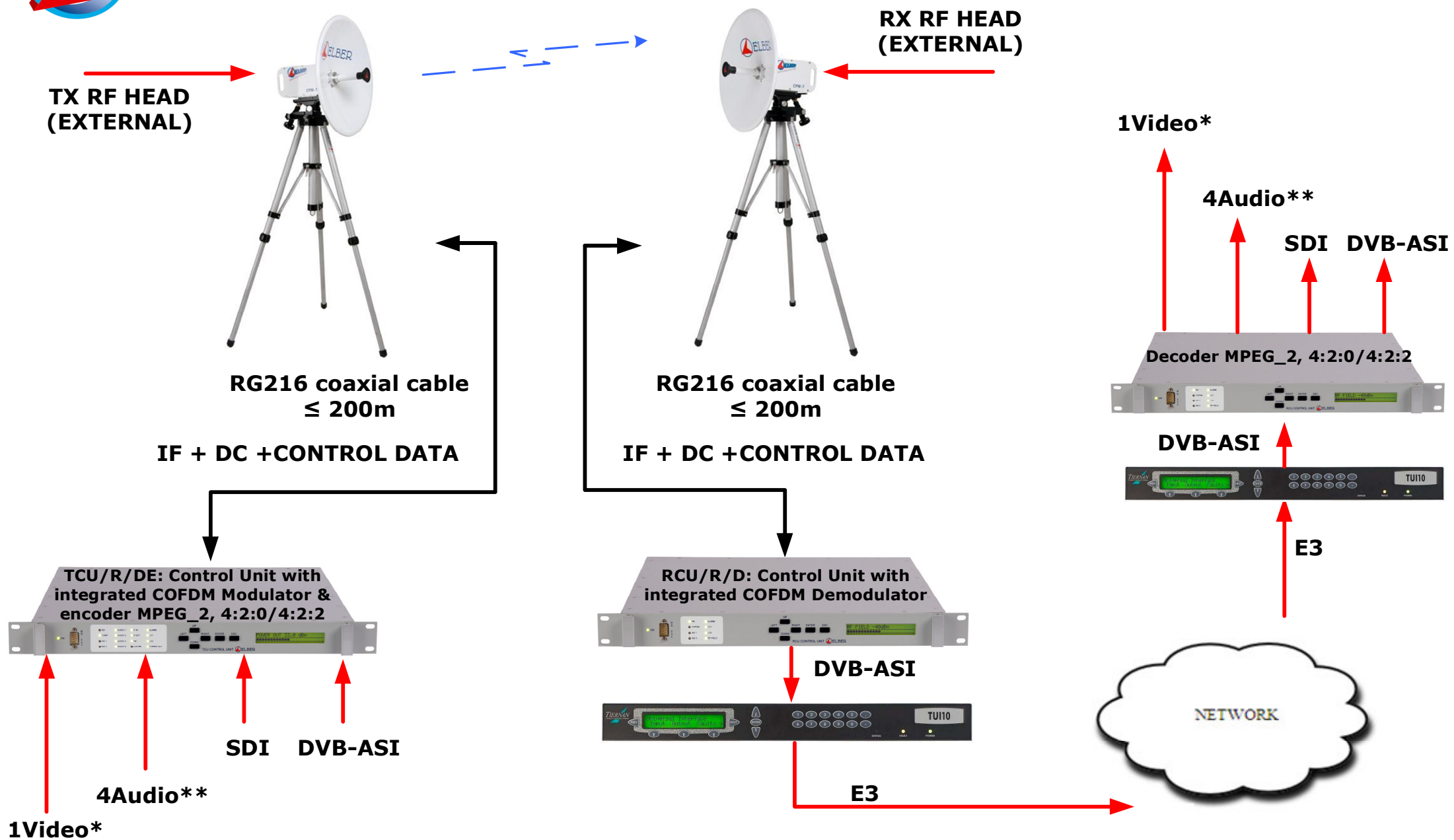


**ASI**

**MEM 4551**

**Ethernet**

# CPM Portable Simplex Link with COFDM Modem & Integrated Encoder and E3 Encapsulator



\* CVBS & YC & YUV \*\* Analogue; AES/EBU; SDI-Embedded