

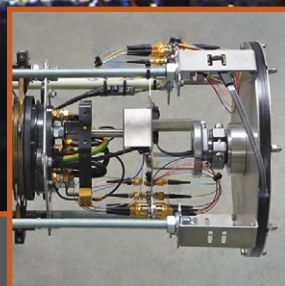
Optical Fibre Transmitter for Spring Reels in Stage Technology

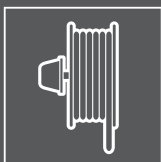


Thanks to its long experience in the power and data transfer applications, CONDUCTIX-WAMPFLER offers economic solutions to optimize the efficiency of your stage equipment.

The compact optical fibre transmitter JTX is designed especially for our spring cable reels:

- Integrates the evolutions of composite cables (power conductors + optical fibres)
- Increases the quality and the speed of data signal transmission
- Is fully compatible with Ethernet, DMX 512 protocol, microphones, and video signals.





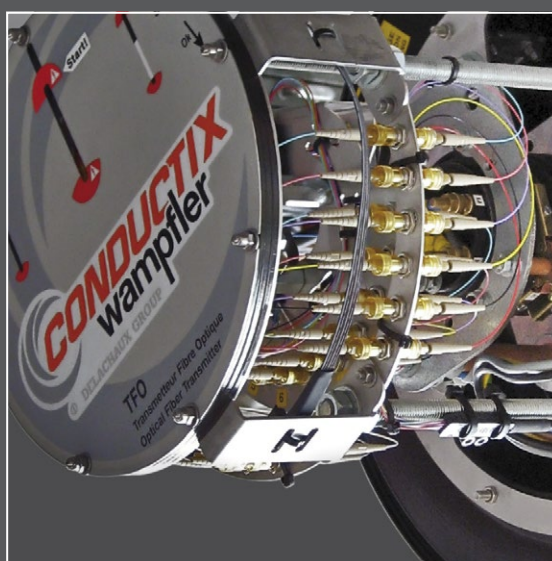
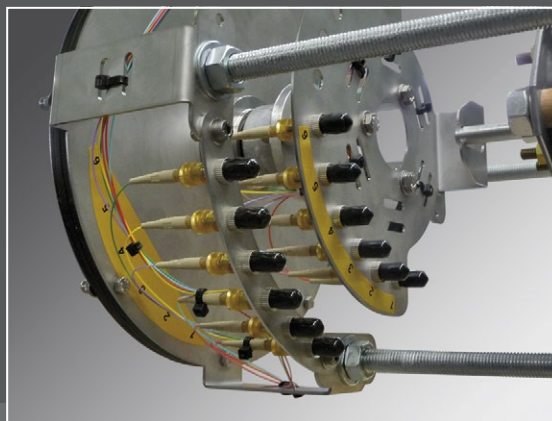
Main Features

Technical Data

The compact version of the optical fibre transmitter enables its installation into the automatic spring cable reels of the Conductix-Wampfler range.

- Optical fibres:
 - multimode 50 / 125 or 62.5 / 125 (single-mode 9 / 125 on request)
- Number of optical fibres: 6, 12, 18, and 24
- Number of turns: 40, 80, and 120
- Attenuation:
 - single-mode: < 1.5 dB
 - multimode: < 1 dB
- Connexion on both fixed part and swivelling part by 'ST' plugs ('FC' on request).
- External ambient temperature: +10 up to +60°C
- Speed of rotation:
 - JTX40 & JTX80: max. 90 tr/min
 - JTX120: max. 30 tr/min
- Service life: 70,000 cycles **
- Installation on models EXEL 3 to EXEL 6 (other models on request)

** Cycle = full unwinding + full winding



Combined Power and Fibre Optics

- One-piece assembly mounted at the end of the slip ring block or directly onto the shaft of the reel .
- Assembly covered with a Ø 300 mm hood, extra length 200 mm approx.
- Easy access to the fully-protected connexion place between the slip ring assembly and the transmitter.

