

**RECEIVER SHARING FOR DEMAND PRIORITY ACCESS METHOD
REPEATERS**

ABSTRACT

5 A shared receiver demand priority repeater for use in
a shared receiver demand priority repeater network having
at least two transmission media, has a demand priority
repeater core. A receiver is coupled to the demand
priority repeater core. A multiplexer is coupled between
the receiver and the at least two transmission media. A
10 transmitter for each the transmission media is coupled
between the demand priority repeater core and the
transmission media. Wherein the multiplexer couples a
selected one of the transmission media to the receiver in
response to the demand priority repeater core.

15 The multiplexer can comprise an address selectable
switch.

A method is described for interfacing a demand
priority repeater core to at least two downlinks, each
downlink coupled to a device.

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