



CHAPTER 28

Modifiers

This chapter describes the modifiers for TL1 commands and autonomous messages for the Cisco ONS 15454, Cisco ONS 15310-CL, Cisco ONS 15310-MA, and Cisco ONS 15600. [Table 28-1](#) details the TL1 modifiers for commands that have carets (<>) in part of their input format; for example, RTRV-<OCN_TYPE>. A “Yes” in the platform column indicates that a particular modifier is supported in that platform. A “No” in the platform column indicates that a particular modifier is not supported in that platform. A “—” indicates that a particular modifier is not applicable to that platform.

Table 28-1 **Modifier Support**

Modifier	ONS 15454	ONS 15310-CL	ONS 15310-MA	ONS 15600
10GFC	Yes	No	No	—
10GIGE	Yes	No	No	—
1GFC	Yes	No	No	—
1GFICON	Yes	No	No	—
2GFC	Yes	No	No	—
2GFICON	Yes	No	No	—
D1VIDEO	Yes	No	No	—
DS1	Yes	—	—	—
DV6000	Yes	No	No	—
E100	Yes	No	No	—
E1000	Yes	No	No	—
EC1	Yes	Yes	Yes	—
FSTE	Yes	Yes	Yes	—
G1000	Yes	No	No	—
GIGE	Yes	No	No	Yes
HDTV	Yes	No	No	—
ISC1	Yes	No	No	—
OC12	Yes	Yes	Yes	Yes
OC192	Yes	No	No	Yes
OC3	Yes	Yes	Yes	Yes
OC48	Yes	No	Yes	Yes

Table 28-1 *Modifier Support (continued)*

Modifier	ONS 15454	ONS 15310-CL	ONS 15310-MA	ONS 15600
OCH	Yes	No	No	—
OMS	No	—	—	—
OTS	No	—	—	—
POS	Yes	Yes	Yes	Yes
STS1	Yes	Yes	Yes	Yes
STS12C	Yes	Yes	Yes	Yes
STS192C	Yes	No	No	Yes
STS24C	Yes	No	Yes	Yes
STS18C	Yes	No	No	No
STS36C	Yes	No	No	No
STS3C	Yes	Yes	Yes	Yes
STS48C	Yes	No	Yes	Yes
STS6C	Yes	Yes	Yes	Yes
STS9C	Yes	Yes	Yes	Yes
T1	Yes	Yes	Yes	—
T3	Yes	Yes	Yes	—
VT1	Yes	Yes	Yes	—